

19971007.ba v01\_n717.bam.971007 v01\_n718.bam.971007 v01\_n719.bam.971007

>From ???@??? Wed Oct 08 01:28:00 1997  
Message-Id: <199710071240.HAA19176@sco.theporch.com>  
Date: Tue, 7 Oct 1997 07:40:19 CDT  
Subject: BOATANCHORS digest 1717

### BOATANCHORS Digest 1717

Topics covered in this issue include:

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by "Paul Christensen" <paulc@mediaone.net>
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- 3) Re: is this an electrolytic or a Crayola?  
by "John Goller" <k9uwa@cris.com>
- 4) Looking for Altec Speakers  
by garyj@mars.superlink.net (Gary Johnston)
- 5) Re: Avoid Contact withAntenna Oil  
by "Larry" <rau@wco.com>
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by Ed Sieb <esieb@gmsiworld.com>
- 7) FS: R390A and spare module  
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- 10) TV-10 vs. TV-7  
by Larry Wolken <rhys@ix.netcom.com>
- 11) Antenna/ PCB  
by Andre Guibert <aguibert@sympatico.ca>
- 12) Antenna Oil (by request of Ware)  
by "Ornitz, Barry L" <ornitz@eastman.com>
- 13) Anti-backlash gears  
by Tom Clinton <Tom.Clinton@faa.dot.gov>
- 14) Re: Avoid Contact withAntenna Oil  
by jackiv@juno.com (John M Iverson)
- 15) Antenna Oil-thanks!  
by "Tom Bridgers" <Tarheel6@classic.msn.com>
- 16) FS: R390A - CORRECTION!  
by Billy Wiggins <bwiggg@worldnet.att.net>
- 17) HRO-500 FS  
by don merz <71333.144@compuserve.com>
- 18) Re: Antenna Oil (by request of Ware)  
by Ken Gordon <keng@uidaho.edu>
- 19) Re: Bug wedge...

- by Ken Gordon <keng@uidaho.edu>
- 20) Re: Antenna -- Why Oil?  
by Mike Maloney <ac5p@ionet.net>
- 21) Report From Hosstraders.....  
by Michael Crestohl <mc@shore.net>
- 22) antennas et al  
by KA9EGW@aol.com
- 23) Drake Service Info  
by Dale Braun <dale.k.braun@uwrif.edu>
- 24) Re: BOATANCHORS digest 1714  
by Jderm740@aol.com
- 25) GC-1 audio compressor results  
by Bob Roehrig <broehrig@admin.aurora.edu>
- 26) Re: Antenna -- Why Oil?  
by Ken Gordon <keng@uidaho.edu>
- 27) Matchbox for sale  
by Glenn Finerman <glennfin@mjet.com>
- 28) Mil number for R-390A?  
by "Cal J. Eustaquio" <ceustaqu@polymail.cpunix.calpoly.edu>
- 29) AVQ-9 altimeter  
by "ro" <otterstad@inet.uni-c.dk>
- 30) ARC-5 Dynamotor Wanted  
by "Fishman, Clark" <cfishman@pica.army.mil>
- 31) Re: ARC-5 Dynamotor Wanted  
by "Mike B. Feher" <n4fs@monmouth.com>

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Date: Mon, 6 Oct 1997 17:23:47 -0400  
From: "Paul Christensen" <paulc@mediaone.net>  
To: "Old Tube Radios" <boatanchors@theporch.com>  
Subject: Collins 30W & 4A  
Message-ID: <01bcd29e\$220d6460\$2f2c8118@jaxadmin2-89.se.mediaone.net>

I am planning on running a long-standing ad in several magazines for my Holy Grail in life.....the Collins 30W, and 4A series transmitters but I do not have photographs of either to run with the ad. Does anyone have access to QSTs in the early 1930s? Does anyone know what the copyright implications are for using old company photos? Does any of this fall within the public domain after prescribed period of time?

Thanks!

-Paul, W9AC

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Date: Mon, 06 Oct 1997 17:50:12 EDT  
From: lrm-brm@juno.com  
To: Tarheel6@classic.msn.com  
Cc: boatanchors@theporch.com  
Subject: Re: Cantenna -- What kinda oil?  
Message-ID: <19971006.164911.4439.0.lrm-brm@juno.com>

Tom.. I used Mineral Oil when I built my Cantenna Clone.. should be at any hardware/paint store. Larry

On Mon, 6 Oct 97 01:33:16 UT "Tom Bridgers" <Tarheel6@classic.msn.com> writes:

>Fellow anchorites--

> Does anyone recall what kind of oil is used in the Heathkit

>Dummy Antenna?

>This is the one that is mounted in a one gallon "paint" can. The guy

>I

>purchased it from kindly removed the oil before he shipped it to me.

>(Which

>was probably the right thing to do...). And yes I did look on the

>side of the

>can, and there is no info on the oil...

> I do not believe it uses motor oil .....there is some

>residual in the can;

>it is clear, but darned if I can place it.

>

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Date: Mon, 6 Oct 1997 22:05:35 +0000  
From: "John Goller" <k9uwa@cris.com>  
To: boatanchors@sco.theporch.com  
Subject: Re: is this an electrolytic or a Crayola?  
Message-ID: <199710062158.RAA23863@newman.concentric.net>

>(2) How about a rodent thread? Din't know they'd eat wax. I've got  
>a Freed-Eisemann Neutrodyne NR-7 in which one of the all-too-precious  
>audio coupling transformers was laid low by some wee nibbling beastie.  
>The corners are suspiciously rounded off and there are wispy wires  
>sticking out every which way. I guess the critter thought the  
>friction tape insulation layer a tasty treat, with a soupcon of copper  
>to give it zest.

>

> 73 A. B. Bonds

Just rebuilt a Philco Console that someother repair person had left the old Can Cap out of...leaving a great Mouse Hole! in the chassis!! The little beastie's decided the Oscillator Coil very fine silk covered wire would make a cozy nest! had a terrible time

duplicating that one!!

Lesson to be learned....don't leave open holes in Chassis!

de John K9UWA

John K9UWA

k9uwa@cris.com

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Date: Mon, 6 Oct 1997 18:30:37 -0400 (EDT)  
From: garyj@mars.superlink.net (Gary Johnston)  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Looking for Altec Speakers  
Message-ID: <199710062230.SAA04317@mars.superlink.net>

Looking for some altec speakers, say something like the 755A through E's, which i can use to build a guitar amp for my daughter. anybody know where i might be able to get some, or have something comparable for sale?

thanks,

gary

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Date: Mon, 6 Oct 1997 16:29:06 -0700  
From: "Larry" <rau@wco.com>  
To: "boatanchors" <boatanchors@theporch.com>  
Subject: Re: Avoid Contact withCantenna Oil  
Message-ID: <199710062232.PAA11727@shell.wco.com>

The original cantenna oil MAY be contaminated with pcb's. These pose no hazard in normal use.. but you do want to avoid getting it on your skin... and certainly do not want to really heat it to the point of it smoking or vaporizing.

PCB's were a trace component of transformer oils.. actually a side reaction product of the chemical process that made the oil... which no one was concerned about in the 40 or 50 's or 60's...

It is harder than shit to know if you oil is contaminated.

If you dispose of yours.. do it though a hazmat collection point... there is no urgent reason to run out and do this.. except the eventual containment of all this stuff.

Like the radioactive WWII parts Dave Stinson found in a silent keys estate.. there is also no decent reason to wait untill the knowlege is gone and some kid goes swimmin in the stuff.

Most line men will tell you they had to stick thier arms into pole pigs up to the arm pit to change transformer taps that were submerged in this stuff... I would like to see a statistical report on thier health.

Make no mistake.. the old stuff is hazardous...

larry W6WUH....

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Date: Mon, 6 Oct 1997 18:18:28 -0400  
From: Ed Sieb <esieb@gmsiworld.com>  
To: "'BoatAnchors'" <boatanchors@sco.theporch.com>  
Subject: We're back, at least for a couple of weeks...  
Message-ID: <01BCD287.CED7D340@dstephen.gmsiworld.com>

Dear Fellow Boat Anchorists, and otherwise heavy metal enthusiasts...

My apologies to all those with whom we've been corresponding; we were = called away on business for the last 3 1/2 weeks and have been otherwise = incommunicado. I promise to fulfill any outstanding requests for parts, = info, jokes and/or stuff this week.

While I was away in Ohio, I did manage to visit the holy of holies, = Fair Radio, and a hamfest. I'll put together a short narrative on these = trips and post them for the edification and amusement of all. A big = thanks to Ed Santavicca, AA8TV who was a most gracious and patient host = and tour guide.

73, de Ed VA3ES/VE2BAQ (that's Boat Anchor Quality)

~~~~~  
Ed Sieb, VA3ES esieb@gmsiworld.com  
P. O. Box 8377, Ottawa Terminal, Ottawa, Ontario, K1G 3H8  
613-738-8924 (H) 613-599-5161 (W)=09  
AMI 529 Canadian Division Director, QCWA - AWA Member  
Net Manager - Canadian Boat Anchor Net (3745 Kcs)  
~~~~~

Date: Mon, 6 Oct 1997 23:15:44 +0000  
From: Billy Wiggins <bwiggg@worldnet.att.net>  
To: boatanchors@sco.theporch.com  
Cc: baswaplist@foothill.net  
Subject: FS: R390A and spare module  
Message-ID: <19971006231536.AAB25680@LOCALNAME>

I have for sale a R390A receiver in fair working condition. I do not know the maker as the tag is missing. It is complete with top cover, bottom cover and both meters. Only known defects are 8KC filter not working and line filter removed with AC cord wired straight in. I have never opened unit so I can't tell you about who made what. I have used it mainly for local AM reception(ball games) in my workshop and sometimes on other bands. I am sure it needs a good cleaning and alignment. The case and covers show some tarnishing, and the meters have yellowed.

I also have a new Xtal oscillator subchassis with NO band xtals or 5654 tube I will include with the above receiver.

I am asking \$275 you pickup or please add \$50 and I will double box and ship UPS to CONUS. Sorry no COD's.

Thanks,

Billy  
Albany, Ga

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Date: Mon, 06 Oct 1997 19:29:54 EDT  
From: aa1hb@juno.com (Charles M Cheney)  
To: boatanchors@sco.thePorch.com  
Subject: Cantenna Oil  
Message-ID: <19971006.192635.8111.2.aa1hb@juno.com>

Anyone needing a gallon of mineral oil for a dummy load should perhaps check with a large animal vet or vet supply house. That's about the normal dose for a colicky horse, and it's a lot cheaper than the drug store thimbles of the stuff.

And you won't get any wisecracks from the checkout girl, either!

Charlie AA1HB (aa1hb@juno.com)

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Date: Mon, 06 Oct 1997 19:29:54 EDT  
From: aa1hb@juno.com (Charles M Cheney)  
To: boatanchors@sco.thePorch.com  
Subject: RE: TU-10B Tuning Unit  
Message-ID: <19971006.192635.8111.1.aa1hb@juno.com>

Hello All,

Judging from the number of responses I received, I was the only one on this list who didn't know that this unit was part of the BC-375 or BC-191. Thanks to all who helped me out with this information. Of course, now that I know what it is, I can't follow through with my original plan of "liberating" some of the parts and making a wider-range tuner out of it. Guess I'll have to find the rest of the xmtr, or someone who needs this bit to complete one.

Thanks again and 73,

Charlie AA1HB (aa1hb@juno.com)

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Date: Mon, 6 Oct 1997 18:33:16 -0500 (CDT)  
From: Larry Wolken <rhys@ix.netcom.com>  
To: boatanchors@theporch.com  
Subject: TV-10 vs. TV-7  
Message-ID: <1.5.4.16.19971006193150.2a6f6fa8@popd.ix.netcom.com>

Hi Gang --

Just got back from Toronto and a visit to Toronto Surplus where I found a few TV-10's left over from a larger lot few of which remain. Prices and cond were not great but never the less it was fun to see them. Got me wondering... does anyone know exactly what the differences between the TV-10 and the TV-7 are?? They seem very similar but I couldn't compare them side by side.

Toronto was great fun and I would recommend a visit to anyone interested in BA's and walking through many old wonderful ethnic neighborhoods as well as the usual tourist fun things. Talk to Jerry Proc before proceeding and he will put you on to the BA haunts -- great time.

Larry Wolken N30JD

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Date: Mon, 6 Oct 1997 19:51:17 -0400 (EDT)  
From: Andre Guibert <aguibert@sympatico.ca>  
To: boatanchors@theporch.com  
Subject: Cantenna/ PCB  
Message-ID: <199710062351.TAA27098@smtp1.sympatico.ca>

Hello a tous  
PCB usually contaminated insulating oil because the  
same pumps and conduits were used to fill  
containers at the distribution centers or at the  
transformer manufacturing plants, not at wellhead.  
Andre  
PS: Jack ce n'est pas moi qui a start the thing!

-----  
Date: Mon, 6 Oct 1997 19:59:56 -0400  
From: "Ornitz, Barry L" <ornitz@eastman.com>  
To: "'boatanchors@sco.theporch.com'" <boatanchors@sco.theporch.com>,  
      "'lrware@pipeline.com'" <lrware@pipeline.com>  
Cc: "'ornitz@tricon.net'" <ornitz@tricon.net>  
Subject: Cantenna Oil (by request of Ware)  
Message-ID: <c=US%a=\_%p=Eastman%l=NTD150-971006235956Z-15007@ntd150.kpt.emn.com>

Well folks, you have Larry to blame for this posting! :-)

> From: "Lawrence R. Ware" <lrware@pipeline.com>  
> Subject: Cantenna oil

> Hi Dr B!  
> Care to comment on the running thread on the "right" oil for  
> Heath Cantenna's etc. ???

> Everybody I knew who had one used to just toss cooking oil from  
> the local grocery store in them...

> Expensive high tech transformer oils are better, but in something  
> like a cantenna, W/intermittent load, well under 1KV RF etc.  
> Would it make much difference?

Well I thought this would be an easy one. Just look up the specs on the  
flash points for various oils. This sounds simple enough. BAH! I  
have never seen such conflicting information before.



So allow me to begin...

Transformer oil used to be either a mixture of white mineral oil with polychlorinated biphenyls or sometimes pure polychlorinated biphenyls. I do not want to start a flame war here about PCB's, chloracne, possible carcinogen status, etc. Let me just say that legally if you have any PCB's, and you want to dispose of them, you are in really deep s\*\*t.

A number of years back, PCB's were removed from new transformer oils, and today they are somewhat difficult to find (but you can buy this neat reference standard sample of Aerochlor from the NIST).

So where does this leave us today? Well, modern transformer oils are actually light mineral oils (naphthnenic oils) with a relatively high flash point. They contain various additives to prolong their life. One common one is butylated hydroxytoluene (we make it along with butylated hydroxyanisole). This is BHT, and it is added for the same reason that it is added to food - to retard spoilage. Actually it is an antioxidant. Vitamin E might work too!

So the admonition of using medicinal mineral oil is OK (but as someone said, spread your purchases around unless you like telling folks grandpa hasn't gone in months). But be careful not to use castor oil...

Or should you? Castor oil is just vegetable oil, similar to corn oil or low erucic acid rapeseed oil (the less appetizing name for Canola oil). And Larry says cooking oils work too. I wonder?....

So at this point, I started looking up the technical specifications of the various oils - and got more and more confused. You see, about the most critical properties of heat transfer oils are generally the boiling point and the flash point. You want both of these temperatures to be as high as possible. Some of the data I found is shown below:

Oil Type	Boiling Point	Flash Point
Mineral Oil	260 C	179 C
Mineral Oil	304 C	193 C
Transformer Oil	238 C	146 C
Transformer Oil	300 C	166 C
Corn Oil	260 C	238 C
Corn Oil	316 C	321 C
Mobil 10W30	316 C	190 C
Valvoline 30W	221 C	
Peanut Oil		283 C

Looking at this, cooking oils fare pretty well. And they have the added advantage that you can cut up potatoes and cook them while testing the old kilowatt amplifier. [Or for true Southerners, chicken.]

Interestingly, the transformer oils have the lowest flash points. I have no idea why unless they contain low boiling additives. Motor oil is really not that bad either.

So... For my conclusions about all of this. Cooking oil is probably OK and a lot cheaper than mineral oil.

It will go rancid eventually but not too fast if you keep the Cantenna vent sealed. Fancy transformer oils are nice if you can find them and afford them. Motor oil does not appear to be nearly as dangerous as you might think.

Now for my REAL suggestions. I have never seen a Cantenna that did not make a mess. The little vent in the top always leaves the top of the can an oily mess and soldering it shut is dangerous. I have seen plenty of Cantenna resistors change value, not due to overheating, but to chemical attack from the oils. Carborundum, the maker of similar big composition resistors, likes silicone oils and their price makes mineral oil seem cheap. If you just HAVE to use a Cantenna, keep it outdoors with a LONG piece of coax. If you use really old, crummy coax, and lots of it, you may not even need the Cantenna. [A Cantenna works MUCH better on VHF if you use a few hundred feet of RG-58 to feed it - so well, in fact, that you can disconnect the Cantenna!]

If you are worried about a fire hazard, do not use the Cantenna indoors. Put the Cantenna's paint can in a bucket of water, outdoors, with a brick on top to hold the can down. Don't use so much water that it overflows into the Cantenna, however. The water will boil at 100 C, keeping the temperature down, well below the flash point of the oil. It takes a lot of watts to boil away a bucket of water! [A kilowatt into the dummy load for an hour will boil away almost 4 pints of water.]

If you are really smart, buy a big air-cooled load at a hamfest. Someone was selling surplus loads with a built-in wattmeter at Shelby for about \$35. Put a fan on these loads and try to not run the amplifier for more than a few minutes at full power into the load.

So folks, remember Larry Ware put me up to this! :-)

73, Barry L. Ornitz WA4VZQ ornitz@tricon.net

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Date: 06 Oct 1997 12:11:37 -0400  
From: Tom Clinton <Tom.Clinton@faa.dot.gov>  
To: boatanchors@theporch.com (Return requested)  
Subject: Anti-backlash gears  
Message-ID:

<0212034390DB9040\*/c=US/admd=ATTmail/prmd=gov+dot/o=faa/s=Clinton/g=Tom/@MHS>

Gang,

While installing a new dial cord on a Collins 32V3 recently, a screw that holds an idler gear in the dial train was loose enough to allow the idler to disengage with the two anti-backlash (spring loaded split) gears. One of the a-b gears is accessible from outside the gear housing and it was no trouble to compress the spring and clamp the two gear halves with a small c-clamp while meshing it with the idler. The other a-b gear, however, is "buried" down in the gear housing and herein lies the problem. What kind of device can you use to reach down between parallel plates (the gear housing) that are only about 1/2 inch apart and twist the two halves of the a-b gear to compress the spring before engagement with the idler?

Any help will be greatly appreciated! Just changing the dial cord is no easy task. This is readily admitted by Collins as there is a warning in the 32V3 manual that suggests you send the unit back to them for dial cord replacement!! I'm a fan of Collins and all that but I've developed an opinion or two about the engineer who designed the dial mechanism.

On a completely different subject - this is probably a stupid question but having never actually seen one (and I first started hamming in 1951), where do you stick the wedge that is on all the bugs that you see in all the old ads (no crude comments please)? Does this get wedged between the actual contacts of a straight key or perhaps part of the frame and base? Maybe it doesn't even have anything to do with a straight key. I mostly use a stand-alone bug with its 1/4 inch phone plug and that's the way I remember seeing them in the old days.

Thanks in advance.

Tom Clinton      W4ULL

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Date: Mon, 6 Oct 1997 19:34:30 CDT  
From: jackiv@juno.com (John M Iverson)  
To: rau@wco.com  
Cc: boatanchors@theporch.com  
Subject: Re: Avoid Contact with Cantenna Oil  
Message-ID: <19971006.193431.11758.3.jackiv@juno.com>

The PCB's were NOT bad for you, only (as is Teflon) when heated to the

point where the stuff breaks down. I have had my arms down in a transformer to change taps, and the only problem was to get the odor out of ones skin You may have hadled much of the dreaded PCB's in your life.. Just smell the odor of some multi-part forms. A pcb was used to make the transfer ink jackiv@juno.com  
OK jack ??

-----  
Date: Tue, 7 Oct 97 00:44:21 UT  
From: "Tom Bridgers" <Tarheel6@classic.msn.com>  
To: boatanchors@theporch.com  
Subject: Cantenna Oil-thanks!  
Message-ID: <UPMAIL09.199710070059590243@classic.msn.com>

An incredible number of you responded, with the overwhelming, 95%+, choice going to mineral oil that I can find in the local drug store. My thanks to all...  
73's,  
-tom

-----  
Date: Tue, 7 Oct 1997 01:58:14 +0000  
From: Billy Wiggins <bwiggg@worldnet.att.net>  
To: boatanchors@sco.theporch.com  
Cc: baswaplist@foothill.net  
Subject: FS: R390A - CORRECTION!  
Message-ID: <19971007015808.AAB27760@LOCALNAME>

> Only known defects are 8KC filter not working

The above line in my previous post should have been 4kc filter bad. Sorry the wasted bandwidth.

Thanks,

Billy  
Albany, Ga

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Date: Mon, 6 Oct 1997 21:57:13 -0400  
From: don merz <71333.144@compuserve.com>  
To: boatanchors@theporch.com

Subject: HRO-500 FS

Message-ID: <199710062201\_MC2-2308-A5F@compuserve.com>

A local guy has an HRO-500 for sale. This is way too new for me but I thought I'd post it here in case anyone is interested. I have seen it and it is in excellent shape.

He has the original manual for it. Oddly, it only works on the broadcast band. The shortwave bands are dead. He is asking \$500 for it but I know he will negotiate. He's not on the internet and does no buy/sell activities to speak of. Most of his collecting is vintage broadcast radios.

Anyway, if anyone is interested, send me your phone number and I'll pass it on to Jim.

73, Don

-----  
Date: Mon, 6 Oct 1997 19:03:09 -0700 (PDT)

From: Ken Gordon <keng@uidaho.edu>

To: "Ornitz, Barry L" <ornitz@eastman.com>

Cc: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: Cantenna Oil (by request of Ware)

Message-ID: <Pine.BSF.3.95.971006185612.2113B-100000@piobaire.mines.uidaho.edu>

Another point not covered in Barry's very nice "report" is that the reason mineral oil was suggested as the SECOND choice to fill the cantenna was that its volume changed much more radically with temperature changes than true transformer oil and thus would tend to run out of the vent more often.

At least this is what I remember from my Cantenna manual from about 20 years ago.

I used mineral oil in mine.

Thanks, Barry.

Ken W7EKB

-----  
Date: Mon, 6 Oct 1997 19:06:30 -0700 (PDT)

From: Ken Gordon <keng@uidaho.edu>

To: Tom Clinton <Tom.Clinton@faa.dot.gov>

Cc: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: Bug wedge...

Message-ID: <Pine.BSF.3.95.971006190402.2113C-100000@piobaire.mines.uidaho.edu>

> On a completely different subject - this is probably a stupid question  
> but having never actually seen one (and I first started hamming in  
> 1951), where do you stick the wedge that is on all the bugs that you  
> see in all the old ads (no crude comments please)? Does this get  
> wedged between the actual contacts of a straight key or perhaps part  
> of the frame and base? Maybe it doesn't even have anything to do with  
> a straight key. I mostly use a stand-alone bug with its 1/4 inch phone  
> plug and that's the way I remember seeing them in the old days.

Most old hand keys had a lever-switch on the frame down low used to close the circuit on certain types of land-line telegraph lines where the line had to be closed in order to receive a message. The wedge went between the switch plate and the frame to parallel the hand-key contacts.

Ken W7EKB

-----  
Date: Mon, 6 Oct 1997 21:16:22 -0500 (CDT)

From: Mike Maloney <ac5p@ionet.net>

To: keng@uidaho.edu

Cc: boatanchors@theporch.com

Subject: Re: Cantenna -- Why Oil?

Message-ID: <199710070216.VAA22331@mail.ionet.net>

At 10:21 PM 10/5/97 -0700, you wrote:

>> Does anyone recall what kind of oil is used in the Heathkit Dummy

>> Antenna?

>

>You can use pure medical grade mineral oil if you can't find the original  
>stuff (which I can't remember the name of).

Since the purpose here is strictly for cooling, not as a dielectric, why not use automotive coolant and pure water as in a car radiator?

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Date: Mon, 6 Oct 1997 22:20:24 -0400 (EDT)

From: Michael Crestohl <mc@shore.net>

To: boatanchors@theporch.com

Subject: Report From Hosstraders.....

Message-ID: <199710070220.WAA18407@northshore.shore.net>

Hello Gang:

Well, another Hosstraders is now history. This event, often called "Deerchester" used to be held at the Deerfield (NH) Fairgrounds is held in May and October at the Rochester NH Fairgrounds and is the largest ham radio & electronic flea market in New England.

As usual the weather sucked! The weatherman promised a nice sunny weekend but it was not to be. It was nice and sunny when we left Boston for New Hampshire but by the time we got there the sky had covered and about 30 minutes later it started to pour rain. Because this is traditional weather I had my wet weather gear and so was prepared for it.

My buddies and I had hauled up another U-Haul truck full of stuff from the John Roberts estate and we proceeded to sell and give it away. Long time readers may recall reading earlier postings about this estate found in Merrimack NH two years ago and the interesting items it contained. This was the last of the "schmeg" as Mike K1TWF named the pile of scrap and obsolete government and military electronic equipment. It was in fact the "Schmeg of the Schmeg!"

Some of the items were bought by a recycler we dubbed "The Grim Reaper" two years ago when we started getting rid of this enormous estate. He told me that he didn't care if I helped myself to the parts as all he was interested was the scrap value so I helped myself, filling up a couple of cartons of tubes, knobs, plug-in electrolytics, etc. I was particularly pleased to find a couple of these pieces filled with IERC tube shields and even one that had the same meters is used in the R-390/390A to measure the Line Level output. I plucked over 200 tubes that I know to be useful and most likely most of them will test good when I finally get around to doing this.

By one o'clock on Saturday we had unloaded much of it but there was still a lot left so we decided to offer the proceeds to the Shriners, main beneficiary of the Hosstraders in hope that the crowd would come back to buy yet one more treasure and help the Shriners at the same time. This helped more stuff find new homes and when the activity seemed to die down we decided to give the rest away - free - before consigning it to the recycler.

This had to be the biggest free pile in the history of hamfestdom. Guys came out of nowhere to grab at the goodies. There were 25-30 people scavenging and scrounging, almost fighting as they competed for the freebies. It lasted about 45 minutes and was a very entertaining

show.

Finally the recycler arrived and the dregs were loaded into their truck and finally it was all GONE - every last bit of it.

There is still some stuff left in Mike's barn - mostly real scrap, some computer swill and about 25 cartons of books and manuals, mostly TM11s. My wife carefully catalogued them library and these text files will be available for interested parties to retrieve from the Boatanchors Archives. They will not be posted to the List because they are too long. I will post more about this soon.

73,

Michael, W1RC  
mc@shore.net

-----  
Date: Mon, 6 Oct 1997 22:35:04 -0400 (EDT)  
From: KA9EGW@aol.com  
To: boatanchors@theporch.com  
Subject: cantennas et al  
Message-ID: <971006223200\_761997407@emout13.mail.aol.com>

I agree with Barry Ornitz; the Cantenna (as well as its different-maker-same-tooling clones) make a mess with the oil film atop the can no matter what.

I also recollect reading in an ancient QST that if you have a long enough length of lossy enough cheap coax, a 50 ohm 2W resistor makes a fine legal-limit dummy load--but put the coax in a bucket of water for cooling. RG174/U perhaps?

Lastly, in re silicone oils: Barry is right, mineral oil is cheap by comparison...and mineral oil CAN be cleaned up with enough effort and soap.

I work in the medical industry, and on a daily basis use small amounts of Dow Corning 360 Medical Fluid, which as I understand it is a silicone oil--and there doesn't appear to be any cleaning the s\*\*\* up completely if spilled.

Originally, the Cantenna was a stack of carbon-comp resistors--only in later years did they go to the big single element.

Another thought--what about a number of big-power t-section attenuators in series...?

73.



-----  
Date: Mon, 06 Oct 1997 22:03:22 -0400  
From: Dale Braun <dale.k.braun@uwrf.edu>  
To: boatanchors@theporch.com  
Subject: Drake Service Info  
Message-ID: <s439602e.021@adngate.adn.uwrf.edu>

A friend of mine recently had some very pleasant dealings with Drake and wanted me to pass on the following:

"As a separte note, I just received a 10M crystal for my new' R4A from Drake. The cost was reasonable ( \$21/shiping). I asked for a list of what other spare parts thye still have, and got 6 pages of computer print outs. Maybe you could post this bit of trivia on the BA List. I did not know at the time that 160 M. also requires an optional crystal (12.6) so I need to order one of those now too.

Be well, and may 160 M come active soon!

de N9PVF

David "

73, Dale WD9GWH

-----  
Date: Mon, 6 Oct 1997 23:08:47 -0400 (EDT)  
From: Jderm740@aol.com  
To: boatanchors@theporch.com  
Subject: Re: BOATANCHORS digest 1714  
Message-ID: <971006230656\_1464121993@emout04.mail.aol.com>

Hi All and P.A. Marshall  
For 10-32/10-24/ 12-24 screws. These are all standard sizes and should be available from Auto Supply Stores. Especially ones that supply interior workers. Also try Boat yards or boat builders. For names try Thomas Register at you library. It's about 25 volumes of suppliers nation wide.

Jack Jderm740@aol.com

-----  
Date: Mon, 6 Oct 1997 22:48:55 -0500 (CDT)  
From: Bob Roehrig <broehrig@admin.aurora.edu>

To: Boatanchors <boatanchors@sco.theporch.com>,  
glowbugs <glowbugs@www.atl.org>  
Subject: GC-1 audio compressor results  
Message-ID: <Pine.ULT.3.96.971006223632.4633B-100000@admin.aurora.edu>

Well the project the last couple of weeks has been to take the Central Electronics GC-1 compressor and rework it into something usefull. That project is now completed and the results are gratifying. It has been converted to mic input/output levels. With a 30dB input change, the output stays within 4dB. Time constants are fairly fast to respond quickly to voice changes. I also included a soft peak limiter following the compressor circuit to handle any overshoot peaks. Those of you that were interested in this project can send me you addresses so I can mail you the dope.

Having learned (and relearned) some things about compression circuits, I plan to try another circuit from scratch. Part of the success of this circuit was due to using two gain controlled stages. In the next unit, I plan to try three. I have not tried the GC-1 on the air yet but hope to do so soon. Thanks to all that sent me various comments on speech processing.

E-mail broehrig@admin.aurora.edu                      73 de Bob, K9EUI  
CIS: Data / Telecom    Aurora University, Aurora, IL  
630-844-4898    Fax 630-844-5530

-----  
Date: Mon, 6 Oct 1997 21:57:08 -0700 (PDT)  
From: Ken Gordon <keng@uidaho.edu>  
To: Mike Maloney <ac5p@ionet.net>  
Cc: boatanchors@theporch.com  
Subject: Re: Cantenna -- Why Oil?  
Message-ID: <Pine.BSF.3.95.971006215615.4362A-100000@piobaire.mines.uidaho.edu>

On Mon, 6 Oct 1997, Mike Maloney wrote:

> At 10:21 PM 10/5/97 -0700, you wrote:  
> >> Does anyone recall what kind of oil is used in the Heathkit Dummy  
> >> Antenna?  
> >  
> >You can use pure medical grade mineral oil if you can't find the original  
> >stuff (which I can't remember the name of).  
>  
> Since the purpose here is strictly for cooling, not as a dielectric, why

> not use automotive coolant and pure water as in a car radiator?

Because those substances would cause the resistor in the Cantenna to change value, probably in a relatively short time.

Ken W7EKB

-----  
Date: Tue, 07 Oct 1997 01:26:36 -0700  
From: Glenn Finerman <glennfin@mjet.com>  
To: boatanchors@theporch.com  
Subject: Matchbox for sale  
Message-ID: <3.0.3.32.19971007012636.006fa1d8@mjet.com>

I have a Johnson Matchbox, 275W model for sale.

It's the model with the built-in SWR bridge and internal relay. Excellent condition, an 8+ on a scale of 1 to 10. The two small SWR cal, sens knobs are missing their metal inserts, other than that it's very clean!. Would look nice beside that restored Ranger, Valiant, Pacemaker, etc.... \$135.00 including UPS shipping.

73.....Glenn NY2CW glennfin@mjet.com

-----  
Date: Tue, 7 Oct 1997 01:35:04 -0700 (PDT)  
From: "Cal J. Eustaquio" <ceustaqu@polymail.cpunix.calpoly.edu>  
To: boatanchors@theporch.com  
Subject: Mil number for R-390A?  
Message-ID: <Pine.HPP.3.96.971007013346.16423A-1000000@monet.artisan.calpoly.edu>

Does anyone know the Mil number for the R-390A (not contract #). I have a resource that will give me more documentation on the R-390A provided I have the mil number ready. Let me know. Cal.

-----  
Date: Tue, 7 Oct 1997 11:45:12 +0100  
From: "ro" <otterstad@inet.uni-c.dk>  
To: "Old Tube Radios" <boatanchors@theporch.com>  
Subject: AVQ-9 altimeter  
Message-ID: <199710071041.MAA25938@inet.uni-c.dk>

Ragnar Otterstad  
email : otterstad@inet.uni-c.dk

I have one of these collecting dust. Anybody interested.  
73 Rag OZ8RO in Copenhagen

-----  
Date: Tue, 7 Oct 1997 08:23:30 -0400  
From: "Fishman, Clark" <cfishman@pica.army.mil>  
To: "'boatanchors@theporch.com'" <boatanchors@theporch.com>  
Subject: ARC-5 Dynamotor Wanted  
Message-ID: <61184F6C1EF9D0119A6300609798EA461F41BE@pica-emh9.pica.army.mil>

My friend W2DDN is looking for a 12 volt dynamotor for an ARC-5 Receiver

Any leads would be appreciated

Clark Fishman WA2UNN cfishman@pica.army.mil

-----  
Date: Tue, 7 Oct 1997 08:39:09 -0700  
From: "Mike B. Feher" <n4fs@monmouth.com>  
To: <cfishman@pica.army.mil>, "Old Tube Radios" <boatanchors@theporch.com>  
Subject: Re: ARC-5 Dynamotor Wanted  
Message-ID: <199710071233.IAA29467@shell.monmouth.com>

Clark and the rest of the group. -

I have brand new 14 volt dynamotors for the ARC-5 type receivers. I have not advertised them for a while. Anyway they are \$20 each plus shipping.

Thanks & 73s - Mike

Mike B. Feher, N4FS  
89 Arnold Blvd.

Howell, NJ, 07731  
732-901-9193

-----  
> From: Fishman, Clark <cfishman@pica.army.mil>  
> To: Old Tube Radios <boatanchors@theporch.com>  
> Subject: ARC-5 Dynamotor Wanted  
> Date: Tuesday, October 07, 1997 5:23 AM  
>  
> My friend W2DDN is looking for a 12 volt dynamotor for an ARC-5 Receiver  
>  
>  
> Any leads would be appreciated  
>  
>  
> Clark Fishman WA2UNN cfishman@pica.army.mil  
>

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End of BOATANCHORS Digest 1717  
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>From ???@??? Wed Oct 08 01:28:35 1997  
Message-Id: <199710072032.PAA01592@sco.theporch.com>  
Date: Tue, 7 Oct 1997 15:32:44 CDT  
Subject: BOATANCHORS digest 1718

BOATANCHORS Digest 1718

Topics covered in this issue include:

- 1) bent plastic dial on S-40  
by philip mccoey <dgnova@erols.com>
- 2) Re: bent plastic dial on S-40  
by Jim Lockwood <jmlckwd@mindspring.com>
- 3) Re: bent plastic dial on S-40  
by Michael Hanz <AAFRadio@erols.com>
- 4) Re: error in TV-7D/U manual  
by John Shriver <jas@shiva.com>
- 5) Re: Error in TV-7D/U manual (?)  
by John Michael <MICHAEL@ecs.umass.edu>
- 6) FS: BC-454-E  
by RSOLOMON@systems.TEXTRON.COM
- 7) BA/GB Potpourri  
by owens@stout.atd.ucar.edu (Chip Owens)
- 8) "Mills" or Typewriters  
by TIMOTHY.P.HAAKE@monsanto.com

- 9) SX-16 Backlash and other tales from Peoria  
by Rodger Singley <rbsingl@rs6000.cmp.ilstu.edu>
- 10) T-368 Allen wrench  
by kazott@juno.com (ott kazott)
- 11) tubes for sale  
by kim herron <kherron@voyager.net>
- 12) Cantennas et al...  
by "Thomas A. Adams" <103360.2133@compuserve.com>
- 13) Heath V7-A VTVM and RF probe for sale  
by kim herron <kherron@voyager.net>
- 14) Re: tubes for sale  
by William Donzelli <william@ans.net>
- 15) Oils  
by "Ray Allen, W2KBR/3" <raallen@erols.com>
- 16) Re: bent plastic dial on S-40  
by Bill Coleman N2BC <n2bc@ibm.net>
- 17) WTB: Dummy Load  
by RSOLOMON@systems.TEXTRON.COM
- 18) "Mills" or Typewriters  
by jD <k1zat@dsport.com>
- 19) ADMINISTRIVIA: Using The Archives  
by listown@jackatak.theporch.com (Mail List Owner)
- 20) R-390A/R391 parts trade  
by "Lamb, Charles E MD (MIS, SalemVA)"  
<lambmd-ce@salem.ge.com>
- 21) Mil surplus dummy loads  
by Nick England <nick@cs.unc.edu>
- 22) Re: Oils  
by "Roberta J. Barmore" <rbarmore@indy.net>
- 23) R-390A rack mount  
by "Rudolf H. Salomon" <rhs@pacbell.net>
- 24) Re: Cantenna -- Why Oil?  
by "Barry L. Ornitz" <ornitz@tricon.net>
- 25) price cut on 24G's  
by WA6GYD@aol.com
- 26) Re: Warped plastic dials...  
by Ken Gordon <keng@uidaho.edu>
- 27) Warped plastic dials, a correction...  
by Ken Gordon <keng@uidaho.edu>
- 28) Canadian duty  
by Brian.Harris@sv.sc.philips.com (Brian Harris)
- 29) SX111  
by laffitte@prtc.net (laffitte)

-----  
Date: Tue, 07 Oct 97 08:31:22 -0700  
From: philip mccooy <dgnova@erols.com>

To: boatanchors@sco.theporch.com  
Subject: bent plastic dial on S-40  
Message-ID: <199710071242.IAA02645@smtp3.erols.com>

I have a SA-40 with bent plastic dials. There was a thread running about how to cure this problem. Anyone remember how to cure this problem?

Philip McCoy dgnova@erols.com

-----  
Date: Tue, 07 Oct 1997 08:59:44 -0400  
From: Jim Lockwood <jmlckwd@mindspring.com>  
To: dgnova@erols.com, Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: bent plastic dial on S-40  
Message-ID: <3.0.32.19971007085939.006bb278@pop.mindspring.com>

At 08:31 AM 10/7/97 -0700, philip mccoy wrote:  
>I have a SA-40 with bent plastic dials. There was a thread  
>running about how to cure this problem. Anyone remember how  
>to cure this problem?

The green dial filter behind the DX-100 VFO scale tends to warp, probably from the heat of the lamp that shines thru it. What I did to "fix" the problem on my DX-100 may help with the dial on your S-40.

First, it's necessary to know that the DX-100 dial filter has no silkscreening on it, so heat and liquids aren't likely to harm it.

What I did was to put the warped dial filter in water as hot as I could stand to contact with my hands. After it had been there for "a while", I began to gently bend the filter with my hands to put it in the shape (flat) that I wanted. When I had worked the filter to the limits of my patience, and while continuing to hold it in the shape that I wanted, I took it out of the water and let it cool back to room temperature.

By doing this procedure, I definitely made things better..... as measured by the narrowness of the slit in the dial filter that projects a white line on the VFO dial. I was not able to completely flatten the filter so this is not a perfect answer. Also, when I tried the same thing on the dial filter for my DX-100B, the results I got were not as good.

IOW: Caveat Emptor, YMMV, etc....

If there is no silkscreening on the your S-40 dial you may be able to

effect some improvement in it by the same technique. If there is silkscreening that might be affected by the water, I wouldn't risk it. Either way, good luck!

73,

Jim - K4CCF  
(formerly KM6NK, WA4K00, WN4K00)

Looking for original QSL cards from K4CCF

-----  
Date: Tue, 07 Oct 1997 09:19:43 -0700  
From: Michael Hanz <AAFRadio@erols.com>  
To: boatanchors@sco.theporch.com  
Subject: Re: bent plastic dial on S-40  
Message-ID: <343A611F.52B8@erols.com>

Jim Lockwood wrote:

> What I did was to put the warped dial filter in water as hot as I could  
> stand to contact with my hands. After it had been there for "a while", I  
> began to gently bend the filter with my hands to put it in the shape (flat)  
> that I wanted.

A hair dryer set on low, with the dial chucked in a drill press (motor OFF), works about as well without the solvent (water). The only danger is overheating. You can turn the dial periodically as you gently shape with your fingers as Jim suggests - it'll quickly show any wobble that needs to be adjusted. Note that this obviously only works on circular dials - not the square or rectangular ones used in a panel bezel.

73,

--

Mike Hanz KC4TOS  
Herndon, VA  
AAFRadio@erols.com

-----  
Date: Tue, 7 Oct 1997 09:40:06 -0400  
From: John Shriver <jas@shiva.com>  
To: bdhall@ghg.net  
Cc: boatanchors@theporch.com  
Subject: Re: error in TV-7D/U manual



Message-ID: <199710071340.JAA17981@brill.shiva.com>

I tested a NOS 80 by the book and it tests perfectly.

I think that the problem is that the 80 was installed rotated 90 degrees in the socket, with the large filament pins in holes 1 & 2. (Or perhaps somebody replaced the socket, and got it rotated 90 degrees?)

The National ceramic sockets used in the TV-7(\*)/U are not very obvious in their keying, especially on the 4 pin socket. Someone (Sad Sack?) may once have forced a tube in wrong and crumbled away the small amount of ceramic that keeps the tube from going in the wrong way.

Your settings have filament on pins 1 & 2, and plates on pins 3 & 4. But the 80 is built with filament on pins 1 & 4, and plates on pins 2 & 3.

(Pin 1 is south, pin 4 is west. The large pins.)

-----

Date: Tue, 07 Oct 1997 10:01:12 -0500  
From: John Michael <MICHAEL@ecs.umass.edu>  
To: BOATANCHORS@theporch.com  
Subject: Re: Error in TV-7D/U manual (?)  
Message-ID: <01I0IRQONXF690MTH2@ECS.UMASS.EDU>

On Sunday 5 October Ben Hall wrote:

>It lists the filament setting for an 80 tube to be E and R. When I set it  
>to that and plugged the 80 in, it was cold as a beer in the fridge. Said,  
[...]  
>After re-adjusting the filament settings to C and R, I had 5 VAC on the fat  
>sockets, and a good tube.  
[...]  
>Another correction, instead of 0 3000 for the second section when testing an  
>80, it should be 0 4000...

Ben,

Methinks someone's been futzing with your TV-7's innards. The settings printed in the manual work fine for me. Further, the same switch settings are given for similar rectifiers with the same (4C) base: 82 and 5Z3.

What's the word from the other TV-7 owners on the list?

Best wishes to all

John Michael       michael@ecs.umass.edu

-----  
Date: Tue, 7 Oct 1997 10:01:53 -0400  
From: RSOLOMON@systems.TEXTRON.COM  
To: "                (052)boatanchors(a)sco.theporch.com"  
<boatanchors@sco.theporch.com>  
Subject: FS: BC-454-E  
Message-ID: <00341000012059540000002L042\*@MHS>

Along with a pile of Mil radios came a very nice looking BC-454-E, plain Aluminum, shiny, no dents. Neatly converted with AC supply on Dyno mount plate. Tubes have been changed to 6v equivalents. BFO switch mounted on left side. Has sticker (Depot affixed) on right side ..."NOTICE, connected for low impedance output"... . Have small plug-in box that fits in front if you want it. It works great, was listening to 80 mtr AM guys, even tuned in SSB stations. Will take \$35 plus UPS from 01887 or trade for decent Cap/Res checker.

73, Dick, W1KSZ

-----  
Date: Tue, 7 Oct 1997 08:11:17 -0600 (MDT)  
From: owens@stout.atd.ucar.edu (Chip Owens)  
To: boatanchors@theporch.com  
Subject: BA/GB Potpourri  
Message-ID: <199710071411.IAA19244@atd.atd.ucar.EDU>

Hi Gang,

In reply to recent questions:

1. The R390 FSN is: 5820-503-1242 the R390A FSN is: 5820-510-1605  
source: MIL-HDBK-161
2. The J.B. Dow oscillator is from: QST magazine January 1932, page 23-25  
"Electron-Coupled Oscillator Circuits" sub-titled "Combining the Features of Oscillator and Buffer Amplifier" by J.B. Dow
3. Now to the real reason for this posting,

I'm looking for the following items:

UG-971/U coaxial adaptor for balanced input on R390A

(Fair Radio is currently out-of-stock on this item)

Cable mounted connector for TCS transmitter, either 90 degree or straight.

90 degree type: Collins pn. 371N307 or Cannon pn. SK-C16-23-1/2 AC

straight type: Collind pn. 371N308 or Cannon pn. SK-C16-21-1/2 AC

Tubes, receiving type, 6AB7 spares for the RBB/RBC receiver

Thanks!

Chip Owens, NW00 owens@stout.atd.ucar.edu

-----  
Date: 07 Oct 1997 09:21:08 -0500  
From: TIMOTHY.P.HAAKE@monsanto.com  
To: boatanchors@sco.theporch.com  
Subject: "Mills" or Typewriters  
Message-ID: <"1007142334-Mills or Typewriters"@MHS>

Group,

What if any would be considered the standard or perhaps the most popular of the standard or manual typewriters which would have been used in morse intecept with navy, army, or even commerical operation?

I have pulled some info off of the internet but haven't found and definitive answer and perhaps there isn't one. I would think though it would be based on a particular era and whatever the goverment contracted for in their normal huge numbers.

What would have been used with an R-390/A?

My intentions anyway are to acquire one or two of the appropriate machines for my station and give it a go.

Tim WA0TSY  
Timothy.P.Haake@monsanto.com

-----  
Date: Tue, 7 Oct 1997 09:29:50 -0500  
From: Rodger Singley <rbsingl@rs6000.cmp.ilstu.edu>  
To: boatanchors@theporch.com  
Subject: SX-16 Backlash and other tales from Peoria

Message-ID: <9710071429.AA11742@rs6000.cmp.ilstu.edu>

Peoria Superfest had the boatanchors back in force this year-and I bought a winters supply of projects. First up was a SX-16 (included xtal, missing only bottom cover). This radio looks good with nice front panel, excellent dial, and only a few paint chips on the case-of course dial cords were unstrung :-(. After recapping it hears on all bands and has nice sounding audio. But, there is a lot of slack in the main tuning-I think largely the fault of the wimpy little anti-backlash gear. This is a very thin gear and contacts only a small part of the brass drive gear. Does anyone have an SX-16 which works well without this tuning slack or suggested replacements for the anti-backlash (I did readjust the spring and it seems to have all the tension one would want).

Also picked up the SX62A from hell. I had an SX62A for my novice receiver for my first 2 weeks as a novice so this is the replacement. Cost was low on this unit and for good reason-lots of rust on top but case, panel, knobs and dial were all good. Naval jelly did a nice job on the rust and all the yellow wax units were replaced. Upon testing, no smoke but also no HF0. Someone had sprayed some interesting form of cleaner lubricant on the main band switch which lubricated the entire oscillator section into the equivalent of one big electrical leak. The oscillator stator section showed only 30K to ground-not good. Several hot water and degreaser baths got rid of whatever was on the bandswitch (seemed like a mixture of PAM and graphite!) and the oscillator now oscillates again except on the highest range(calibration is even close!). However, like my SX42 this has a number of bad micas in the IF cans which will be replaced. While the dial is still in good shape on my 62 I am going to try to scan it for future use.

The swap also yielded an HT32 to go with my SX101, DX60 HR10 twins, DX20, a Harvey Wells TBS50 with AC supply (and a 100Khz octal can xtal plugged into one of the 5u4G slots on the supply-removed before smoke test), a nice NC183 with matching speaker, CE sideband slicer with converter plug in on back, HP608D and a TEK 533 with cart, CA and D plug ins. All in all, prices were very reasonable at this swap.

Rodger WQ9E

-----  
Date: Tue, 7 Oct 1997 11:23:31 EDT  
From: kazott@juno.com (ott kazott)  
To: boatanchors@theporch.com  
Subject: T-368 Allen wrench  
Message-ID: <19971007.112525.8663.3.kazott@juno.com>

Hi Guys:

Anyone have a spare 3/8" "T" handle allen wrench supplied with the T-368 transmitter that they can part with?

tnx, Ott

-----  
Date: Tue, 7 Oct 1997 11:34:51 -0400 (EDT)  
From: kim herron <kherron@voyager.net>  
To: boatanchors@theporch.com  
Cc: glowbugs@www.atl.org, baswaplist@foothill.net  
Subject: tubes for sale  
Message-ID: <199710071534.LAA21156@vixa.voyager.net>

Hi Gang,

In the process of packing and shipping, I found a box of transmitting tube that I've been hanging onto to play with and realize that it "ain't gonna happen". So I'm going to move them as one lot. here's the list:

4 4D21?4-125's two Eimac, two GE. These were transmitter pulls. Used but good.

1 829B. Jan Ken-Rad. Used, conditon unknown

2 832B's. 1 RCA, 1 National Union. Both with sockets

1 5894. Amperex used, condition unknown

6 416B Western Electric. Looks to be a UHF low power transmitting

2 4X150 Eimac. Used, condition unknown

1 2K28 Raytheon UHF transmitting tube referred to as a "lighthouse" tube.

1 2AP1A Scope tube, complete with socket, and shield

1 3RP1 Scope tube. complete with socket, shield and rubber mounting ring.

1 5BP1 Scope tube. The tube used in a Heath OM-3 5" oscilliscope.

Okay, now that you've made it to the bottom of the list, here's the deal. I'd like \$75.00 for everything with the shipping. I'd rather not split it up. If there are some things that you'd like or need, take the package and move the things you don't need. Got to clean house here and more stuff will

be forthcoming.

Kim Herron  
kherron@voyager.net or kherron@vixa.voyager.net  
1-616-677-3706

-----  
Date: Tue, 7 Oct 1997 11:22:40 -0400  
From: "Thomas A. Adams" <103360.2133@compuserve.com>  
To: BOATANCHORS <BOATANCHORS@theporch.com>  
Subject: Cantennas et al...  
Message-ID: <199710071124\_MC2-2313-7532@compuserve.com>

Greetings, Troops.

While watching this thread, the lyrics of an old song kept going thru my head... "Everything Old is New Again..." . It seems like once a year or so somebody comes up with a Cantenna somewhere, and we're off to the races again, either on BOATANCHORS or in real life. <grin>

I don't have a Cantenna anymore; been there, done that, thought it sucked then, still do now. Just for the record tho, I've run two of them in the past, and I bought a third a couple of years back (unbuilt), just to grab the resistor for another project.

The conventional wisdom re. motor oil in a Cantenna was NO WAY; the reasons were twofold; (A) motor oil has terrible heat transfer characteristics, so the load had to be derated, and (B) motor oil contains detergents, even if the can doesn't mention them. The detergents attack the VERY expensive resistor; even more so as the resistor heats up.

Water based coolant with antifreeze isn't a good idea. While pure, distilled water MAY be adequate insulation when the mixture is new (tho I have my doubts), it won't stay that way for long. If it doesn't flash over eventually, electrolytic action and corrosion will eventually destroy the resistor and it's fittings.

There was a QST article that appeared shortly after the Cantenna was introduced, wherein the author described his long running odyssey to get one gallon of transformer oil, including his adventures at a Standard Oil refinery!

If you MUST have the proper oil, try the PR department of your local Power and Light company, pleading that transformer oil distributors will sell only 55 gallon barrels of the stuff. Often they'll contact the engineering

department, and spring loose a stray gallon.

I was lucky when I dealt with the problem. I worked for a capacitor company at the time I got my first Cantenna, who filled thier caps with mineral oil spiked with vitamin K (an anticoagulant measure). I could have used some of that, with the blessings of the Impregnation Department (now, now... no smirking, leering, or dirty comments over that name! I heard ENOUGH of those to last me a lifetime whenever the ladies from up in the office ventured into the place!), but there was an even BETTER choice available at that time.

Salesmen were constantly trying to get us to dump our oil supplier and buy THIER stuff. In that quest, they were always leaving "engineering samples"; one gallon cans of thier particular product. After 30 years of using thier mineral oil brew, Engineering wasn't inclined to switch, so the chief designer would smile at the nice salesman, take his card and the can of oil, and promise to call if a need for the revolutionary new product arose. The business card went into the wastebasket, and the can either became a doorstop in the drafting room, or joined the 50 or so OTHER gallon cans that had been breeding and multiplying on the bottom shelf of a workbench over the years. It was no problem to grab a couple of these critters whenever the urge struck; in fact, the chief designer ENCOURAGED such behavior, as a means of keeping the drafting room a bit neater. Somehow, it was against his religion to just throw 'em away; waste not, want not. The only thing I saw an engineering sample used for in that place was when somebody needed a few drops of oil in the guts of a stiff pencil sharpener, and was too lazy to go down to the work floor for an oil can!

In any event...

The Cantenna served it's need in an admirable, tho somewhat messy manner, but it's day is over. Let's just save a few as museum pieces (empty and dry), and salute them as they plod off into the sunset.

BIRD has a MUCH better idea. Real, honest-to-Gawd Bird oil filled (and sealed), air cooled dummies aren't that expensive anymore on the hamfest circuit; Uncle Sam has dumped a lot of 'em on the surplus market. A kilowatt job in good shape can be had for fifty or seventy five bucks if you look around, and after dealing with "Old Facefull", my oil squirting Cantenna for a few years, I quickly came to the conclusion that the Bird is a bargain at the price. My model 82A "Termaline" 500 watter serves me quite adequately, and is a reasonably small, convenient, easy to handle package that doesn't drip oil on the floor when I carry it like the Cantenna did. I think I dropped about thirty five bucks for it.

Try it. You'll like it. It's a LOT less hassle than any Cantenna. Besides... it will work well at frequencies that a Cantenna never even dreamed of.

73's,

Tom, K9TA

-----  
Date: Tue, 7 Oct 1997 11:38:05 -0400 (EDT)  
From: kim herron <kherron@voyager.net>  
To: boatanchors@theporch.com  
Cc: glowbugs@www.atl.org, baswaplist@foothill.net  
Subject: Heath V7-A VTVM and RF probe for sale  
Message-ID: <199710071538.LAA22149@vixa.voyager.net>

For sale. One working Heath VTVM, and PK-3 RF probe. with the manuals.  
\$25.00 shipped to you door CONUS.]

Kim Herron  
kherron@voyager.net or kherron@vixa.voyager.net  
1-616-677-3706

-----  
Date: Tue, 7 Oct 1997 11:47:50 -0400 (EDT)  
From: William Donzelli <william@ans.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: tubes for sale  
Message-ID: <Pine.GS0.3.96.971007114111.25360D-1000000@titan.purch.ans.net>

> 1 2K28 Raytheon UHF transmitting tube referred to as a "lighthouse" tube.

This is a Klystron, not a lighthouse tube. The lighthouse tubes really are standard triodes built to have very small spacings between electrodes. The tube designers achieved this by making the tube out of stacked glass cylinders (rather than a bulb), whose joints were metal rings that acted as grid terminals. Normally the tubes fit into cavities with flanges that would engage the metal rings and plate cap. They do look a bit like the top of a lighthouse.

William Donzelli  
william@ans.net



Date: Tue, 07 Oct 1997 12:00:26 -0700  
From: "Ray Allen, W2KBR/3" <raallen@erols.com>  
To: boatanchors@theporch.com  
Subject: Oils  
Message-ID: <343A86CA.2F4B@erols.com>

Friends:

I suggest Texaco "Therma-C", or better,  
Shell "DIALA AX"...73

--

Ray Allen, W2KBR/3  
8303 Grainfield Road  
Severn, MD., 21144-2331  
FM-19, TenX 68656, CBC 379

-----  
Date: Tue, 7 Oct 1997 16:03:15 -0700  
From: Bill Coleman N2BC <n2bc@ibm.net>  
To: boatanchors@theporch.com  
Subject: Re: bent plastic dial on S-40  
Message-ID: <BMSMTP8762652740wf2awdc@pop3.ibm.net>

Chop.... from Jim, K4CCF:

=====

If there is no silkscreening on the your S-40 dial you may be able to  
effect some improvement in it by the same technique. If there is  
silkscreening that might be affected by the water, I wouldn't risk it.  
Either way, good luck!

=====

Simple way to protect that silkscreening is to stick the whole thing in a  
zip-lock bag first, then dunk it!

73, Bill

-----  
Bill Coleman (N2BC)

-----  
Email: n2bc@ibm.net

-----  
Date: Tue, 7 Oct 1997 11:59:43 -0400  
From: RSOLOMON@systems.TEXTRON.COM  
To: " (052)boatanchors(a)sco.theporch.com"  
<boatanchors@sco.theporch.com>

Subject: WTB: Dummy Load

Message-ID: <00341000012069410000002L012\*@MHS>

With all the discussion about the Heath Can'tenna, I have  
got religion.  
Anyone have a Bird 500 - 1000 watt dummy load they will part  
with ?

Tnx, Dick, W1KSZ  
rsolomon@systems.textron.com

-----  
Date: Tue, 7 Oct 1997 12:13:21 -0400 (EDT)  
From: jD <k1zat@dsport.com>  
To: TIMOTHY.P.HAAKE@monsanto.com  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: "Mills" or Typewriters  
Message-ID: <Pine.GS0.3.95.971007120253.10575A-1000000@puff>

Tim -

On 7 Oct 1997 TIMOTHY.P.HAAKE@monsanto.com wrote:

> What if any would be considered the standard or perhaps the most  
> popular of the standard or manual typewriters which would have been  
> used in morse intercept with navy, army, or even commercial operation?

At the military sites I began my career with over 30 years ago,  
the standard typewriter was the MC-88. All capitol letters,  
zero with a slant thru it, special characters on some of the  
shift keys along with the normal punctuations.

> it would be based on a particular era and whatever the government  
> contracted for in their normal huge numbers.

I have an MC-88, serial number 430 made for the Army Signal  
Corps by Remington Rand. Order number was 142-o.i.5687  
according to the affixed label. My guess is that it was made in  
1942.

> What would have been used with an R-390/A?

Rows upon rows of R-390's, two receivers per rack, one  
operator and one MC-88. They were also used with 51J's, SP-600,  
R-392's, R-388 depending on the site. Later in life, the MC-88  
gave way to teletype style work stations and then computers.

HTH..

jd

-----  
Date: Tue, 7 Oct 97 11:15:01 CDT  
From: listown@jackatak.theporch.com (Mail List Owner)  
To: boatanchors@sco.theporch.com  
Subject: ADMINISTRIVIA: Using The Archives  
Message-ID: <199710071615.LAA12482@jackatak.theporch.com>

Gang-

This periodic post is designed to help everyone gain more value from their boatanchors subscription.

SAVE THIS FILE FOR FUTURE REFERENCE!!!!!!

Often I receive an email request, or I read on the list, of someone who is aware there is an archive available with some special files with special information that is of a more permanent nature than a post to the list, but who is unaware of how to retrieve these gems.

In the archives, there are cross-reference tables for Tubes, Military Equipment Nomenclature, suggestions for restorations and modifications to our beloved fire bottle rigs, and some wonderful stories of real adventures and the people involved.

These files may be accessed by email... quickly and easily.

Step One:

send an email (leave the subject blank, or, if your mailer requires a subject, type a single character, like "a" in the subject box) to:

listproc@sco.theporch.com

Step Two:

in the body type:  
index boatanchors

Step Three:

after checking out the index for files of interest, and finding the one or more you want to have sent to you, send another email to:

listproc@sco.theporch.com

and, in the body, type:  
get boatanchors file.name

where you substitute the name of the file from the index  
for "file.name"

This should get you off to a good start. If you encounter any problems,  
please let me know at the address below.

--

73

Jack, W4KH/Mobile - - - BoatAnchor Mailing List Archiver/Owner - - -  
listown@jackatak.theporch.com - "Plus ca change, plus c'est la meme chose"

-----  
Date: Tue, 7 Oct 1997 12:08:53 -0400  
From: "Lamb, Charles E MD (MIS, SalemVA)"  
<lambmd-ce@salem.ge.com>  
To: "'BA Net'" <boatanchors@sco.theporch.com>  
Subject: R-390A/R391 parts trade  
Message-ID: <E101BA1F68DECF11A6DE0080D82075D1BADBF2@vasale01misge.salem.ge.com>

Hello all,

I am restoring two R-391s recently purchased. After an inventory, find  
that I need two each of Z-215 and Z-216. For the uninitiated, these are  
identical electrically to the R-390 (non A) plug ins. Not sure why  
these were robbed, but their absence precludes the reception of a large  
chunk of spectrum. I have checked with Fair and they may not be able to  
assist. I also have a NOS R-390A BFO available for trade which is  
surplus to my needs. I also have some R-392 parts. Please reply  
directly if you can help.

In another vein, I received my complete set of back issues of HSN this  
week. Very enjoyable and highly recommended for all who enjoy this  
list. Also am pleased to report the receipt of a mod. xfmr for my  
disabled ART-13 so hopefully it will join the ranks of other old  
soldiers on the air for 40 mtr AM (thanks to Peter, N4KIA).

Charles WD4KZK  
<lambmd-ce@salem.ge.com>

-----  
Date: Tue, 7 Oct 1997 12:23:18 -0400 (EDT)  
From: Nick England <nick@cs.unc.edu>  
To: boatanchors@theporch.com  
Subject: Mil surplus dummy loads

Message-ID: <199710071623.MAA05467@altair.cs.unc.edu>

All this recent converstaion made my mind whir a bit. I see various big military surplus dummy loads at the hamfests and keep on thinking about getting one, but am put off by (what else?) my own ignorance.

Some of these guys have low frequency limits of 50 MHz or more, others go down to 2 MHz, others maybe DC ? Some commercial units have this info printed on it, some military rigs don't, sometimes the seller knows, sometimes not.

Two questions -

- 1) How come the freq limits ?
- 2) What military nomenclature should I look for for 3-30 MHz use ??

thanks in advance & 73  
Nick KD4CPL  
nick@cs.unc.edu

-----  
Date: Tue, 7 Oct 1997 12:27:07 -0500 (EST)  
From: "Roberta J. Barmore" <rbarmore@indy.net>  
To: "Ray Allen, W2KBR/3" <raallen@erols.com>  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Oils  
Message-ID: <Pine.SUN.3.96.971007120612.29786A-100000@indy3>

Hi!

The stuff in the big custom tank loads at work is Multitherm 503 heat transfer fluid (Multitherm Corp, 125 S. Front St., Colwyn, PA 19023).

Ingredients are I-Decene, Dimer, Hydrogenated (Barry, help! I'm lost).

Heath hazard, nil; fire hazard, slight; reactivity, nil. It says not to get it in your eyes and warns that if ingested, it may act as alaxative. (Sure sounds like mineral oil)

Flash point is 320F, autoignition temperature is 615F, boils at 625F and how'd they do that if it was on fire already? If you \*do\* catch it on fire, beware of dense smoke, CO and CO2. Don't try to put it out with water, and beware of frothing if you use chemical foam or water anyway. (Baking soda might be an okay option, but the unbreatheable stuff the fire will emit makes running away an even better idea). If you manage to turn this stuff into a mist ("aerosol"), don't go breathing it, as a little dab of oil mist in the lungs will do ya...but you'd have to work at it, it's

middlin' sluggish stuff

My vote is with Tom Adams--I use a 600W M.C.Jones finned load that became surplus when we took out the 1957 TV rig. TV stations removing old transmitters are a good source if you've got contacts to find 'em--old TV rigs have usually got several decent loads associated with them. (The '78 rig had a dozen smaller ones and two 600W Birds inside, for instance).

The really big water-cooled loads that sometimes show up as "TV Surplus" (25kW and up in about the same volume as a Cantenna for new ones; the old-two-stage jobs are the size and weight of a big water heater) aren't so good--the connectors require pricey adaptors and they will put your water bill the roof! But there's ways around it if you only plan on HF use and are handy with pumps and old car radiators.... :)

73,  
--Bobbi

-----  
Date: Tue, 07 Oct 1997 11:24:15 -0700  
From: "Rudolf H. Salomon" <rhs@pacbell.net>  
To: boatanchors@theporch.com  
Subject: R-390A rack mount  
Message-ID: <343A7B94.587B@pacbell.net>

Hi All.

I am in the process of rearranging the way my radios are set up at my operating position.

I have a desk top rack with about 36" of vertical space and among others I would like to mount my R-390A in the rack. This rack has mounting holes in the front but not in the back.

Has anyone mounted the R-390A using only the front panel to hold the radio. It seems a bit heavy, to me, to not use more front to back support, ie. an equipment slide rail, although none of the holes on the side of the radio line up with standard rail mounting???

Any one have experience with this?

73 de Rudy Salomon - KD6NRQ

-----  
Date: Tue, 7 Oct 1997 15:14:31 -0400

From: "Barry L. Ornitz" <ornitz@tricon.net>  
To: "Ken Gordon" <keng@uidaho.edu>, "Mike Maloney" <ac5p@ionet.net>  
Cc: "Boatanchors Mailing List" <boatanchors@sco.theporch.com>  
Subject: Re: Cantenna -- Why Oil?  
Message-ID: <199710071922.PAA24514@tricon.net>

No, Mike and Ken.

You really do need an insulating oil with a relatively low dielectric constant. Water has a dielectric constant of about 80 and ethylene glycol is about 38. The mineral oils generally run less than 5. I doubt if water and ethylene glycol will do much damage to the resistor in the Cantenna. but the VSWR will be far from correct.

There is one thing I did not mention yesterday. The mineral oils are generally saturated oils while the cooking oils are usually unsaturated. Unsaturated oils oxidize more readily causing them to go rancid.

The traditional transformer oils ARE mineral oils with some additional additives.

> From: Mike Maloney <ac5p@ionet.net>  
> Since the purpose here is strictly for cooling, not as a dielectric, why  
> not use automotive coolant and pure water as in a car radiator?

I will be away for at least a week, so do not worry if mail to me is exceptionally slow in being answered.

73, Barry L. Ornitz WA4VZQ ornitz@tricon.net

-----

Date: Tue, 7 Oct 1997 15:21:54 -0400 (EDT)  
From: WA6GYD@aol.com  
To: boatanchors@theporch.com  
Subject: price cut on 24G's  
Message-ID: <971007151712\_762051195@emout18.mail.aol.com>

I got to thinking about the price for the 2 NOS H & K 24G's I recently listed, for \$15 ea. I really don't want these neat little xmit tubes just to sit here un-used. I would like to see them in a MOPA rig or something like that. On the other hand I got to pack them and all Sooo my new price on these little gems is \$5 ea plus UPS brown conus. Hope someone wants them.

Don

-----

Date: Tue, 7 Oct 1997 12:31:21 -0700 (PDT)  
From: Ken Gordon <keng@uidaho.edu>  
To: Jim Lockwood <jmlckwd@mindspring.com>  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Warped plastic dials...  
Message-ID: <Pine.BSF.3.95.971007122408.2038A-100000@piobaire.mines.uidaho.edu>

For my VF-1, which is the same VFO as is in the DX-100, I simply took the warped green dial and put it in the oven in a glass baking pan and turned the oven thermostat to about 150 degrees. I set one of the oven wire shelves as near to center as possible to stay as far as possible away from the heating element and put the pan on that only after the oven thermostat had clicked off. Then I would check the warpage of the dial every few minutes until it looked as flat as I could get it. Worked fine, but I would be hesitant to do this to a dial which had some paint or silk-screening on it.

Ken W7EKB

-----  
Date: Tue, 7 Oct 1997 12:55:35 -0700 (PDT)  
From: Ken Gordon <keng@uidaho.edu>  
To: boatanchors@sco.theporch.com  
Subject: Warped plastic dials, a correction...  
Message-ID: <Pine.BSF.3.95.971007125305.2038E-100000@piobaire.mines.uidaho.edu>

Now that I think more about it, I think I used a pizza pan instead of a glass baking pan since I was somewhat concerned that the plastic might stick to the glass.

Ken W7EKB

-----  
Date: Tue, 7 Oct 1997 14:34:49 -0700  
From: Brian.Harris@sv.sc.philips.com (Brian Harris)  
To: boatanchors@theporch.com  
Subject: Canadian duty  
Message-ID: <00044D84.1914@svlima.sv.sc.philips.com>

What's the import duty, if any, for a TR-4 and P/S shipped from the US to Canada (price \$300)?

Brian WA5UEK  
Plano, Texas



-----  
Date: Tue, 07 Oct 1997 14:08:41 -0300  
From: laffitte@prtc.net (laffitte)  
To: boatanchors@theporch.com  
Subject: SX111  
Message-ID: <343A6C99.1246@prtc.net>

Hi BAers!

This note is for others working on the Hallicrafters SX111. After recapping my set, I found that it would work perfectly well on USB but not on LSB no matter how I tried to tune it. After checking the LSB circuit everything came out ok so that the 1600kc crystal remained as the sole culprit. I exchanged the crystal with one provided by John Iverson (thanks John!). After retuning, LSB came out alive and well. I don't know the opinion of others but I find this set quite good and sensitive.

By following the instruction manual I was able to tune it quite well. It works excellent on all bands and I even plan to use it with my recent adquisition of a Johnson Adventurer (yes, the one that thought it was a Valiant for a while! :>). I also found that I have two manuals for this set and there are subtle differences between them. Apparently there were two versions or more of this receiver. What remains now is cosmetics.

TNX and Best 73s  
Guido E. Santacana KP4FAR

-----  
End of BOATANCHORS Digest 1718  
\*\*\*\*\*

>From ???@??? Wed Oct 08 01:29:19 1997  
Message-Id: <199710080300.WAA13087@sco.theporch.com>  
Date: Tue, 7 Oct 1997 22:00:21 CDT  
Subject: BOATANCHORS digest 1719

BOATANCHORS Digest 1719

Topics covered in this issue include:

- 1) Re: SX111  
by laffitte@prtc.net (laffitte)
- 2) Re: Canadian duty  
by "Mike B. Feher" <n4fs@monmouth.com>
- 3) Great Ad

- by Bob Roehrig <broehrig@admin.aurora.edu>
- 4) Meissner Sig Sifter EX  
by Bill Coleman N2BC <n2bc@ibm.net>
  - 5) RE: Canadian duty  
by Ed Sieb <esieb@gmsiworld.com>
  - 6) Re: R-390A rack mount  
by jD <k1zat@dsport.com>
  - 7) RE: Canadian duty  
by Ed Sieb <esieb@gmsiworld.com>
  - 8) Sale/Swap items.  
by BEN NOCK <G4BXD@compuserve.com>
  - 9) Mills!  
by "Ray Allen, W2KBR/3" <raallen@erols.com>
  - 10) Re: R-390A rack mount  
by "Rudolf H. Salomon" <rhs@pacbell.net>
  - 11) RE: Canadian duty  
by "A. B. Bonds" <ab@vuse.vanderbilt.edu>
  - 12) WTB: 6993 and GV3A-900  
by Lenox Carruth <carruth@swbell.net>
  - 13) RE: Canadian duty  
by Richard Loken <richardlo@devax.admin.athabascau.ca>
  - 14) RE: Canadian duty  
by Ed Sieb <esieb@gmsiworld.com>
  - 15) Re: Canadian duty  
by "Rudolf H. Salomon" <rhs@pacbell.net>
  - 16) WTB Manuals for SX-111 and HRO-50  
by W7FG <w7fgboat@w7fg.com>
  - 17) Re: R-390A rack mount  
by jD <k1zat@dsport.com>
  - 18) Re. military dummy loads  
by "Thomas A. Adams" <103360.2133@compuserve.com>
  - 19) BC375-E Info  
by Ronnie Hull <w5sum@ms1.nwla.com>
  - 20) Re: BOATANCHORS digest 1717  
by Jderm740@aol.com
  - 21) Re: Canadian duty  
by Walt Novinger <wnovinger@shaw.wave.ca>
  - 22) Re: R-390A/R391 parts trade  
by Dennis Gibbs <dgibbs@Rational.COM>
  - 23) RE: interesting image issue - R390A  
by "Lawrence R. Ware" <lrware@pipeline.com>
  - 24) RE: interesting image issue - R390A (2)  
by "Lawrence R. Ware" <lrware@pipeline.com>
  - 25) military dummy loads  
by "John Lockhart" <jlockj@minn.net>
  - 26) Re: Canadian duty  
by kb5woo@juno.com (George Folse)
  - 27) Re: Canadian duty

by Jerry Proc <jproc@idirect.com>  
28) Spruce up your R-46B speaker in three minutes  
by Jim Garland W8ZR <4CX250B@miavx1.acs.muohio.edu>  
29) Info  
by Surplus Al <surplsal@tl.infi.net>

-----  
Date: Tue, 07 Oct 1997 16:31:13 -0300  
From: laffitte@prtc.net (laffitte)  
To: boatanchors@theporch.com  
Subject: Re: SX111  
Message-ID: <343A8E01.7090@prtc.net>

Guido E. Santacana wrote:

>  
> Hi BAers!  
>  
> This note is for others working on the Hallicrafters SX111. After  
> recapping my set, I found that it would work perfectly well on USB but  
> not on LSB no matter how I tried to tune it. After checking the LSB  
> circuit everything came out ok so that the 1600kc crystal remained as  
> the sole culprit. I exchanged the crystal with one provided by John  
> Iverson (thanks John!). After retuning, LSB came out alive and well. I  
> don't know the opinion of others but I find this set quite good and  
> sensitive.  
> By following the instruction manual I was able to tune it quite well. It  
> works excellent on all bands and I even plan to use it with my recent  
> adquisition of a Johnson Adventurer (yes, the one that thought it was a  
> Valiant for a while! :>). I also found that I have two manuals for this  
> set and there are subtle differences between them. Apparently there were  
> two versions or more of this receiver. What remains now is cosmetics.  
>  
> TNX and Best 73s  
> Guido E. Santacana KP4FAR

Sorry if this message was sent twice. I hope not.

-----  
Date: Tue, 7 Oct 1997 17:14:02 -0700  
From: "Mike B. Feher" <n4fs@monmouth.com>  
To: <Brian.Harris@sv.sc.philips.com>,  
"Old Tube Radios" <boatanchors@theporch.com>  
Subject: Re: Canadian duty  
Message-ID: <199710072108.RAA17481@shell.monmouth.com>

I just purchased a Hallicrafters FPM200 and PS from a fellow in BC. The

price was \$300, it cost me another \$101 to ship it UPS ground and when it got here UPS wanted another \$19 for duty. So I guess it is 6.33%. 73s - Mike

Mike B. Feher, N4FS  
89 Arnold Blvd.  
Howell, NJ, 07731  
732-901-9193

-----  
> From: Brian Harris <Brian.Harris@sv.sc.philips.com>  
> To: Old Tube Radios <boatanchors@theporch.com>  
> Subject: Canadian duty  
> Date: Tuesday, October 07, 1997 2:34 PM  
>  
> What's the import duty, if any, for a TR-4 and P/S shipped from the US to  
  
> Canada (price \$300)?  
>  
> Brian WA5UEK  
> Plano, Texas

-----  
Date: Tue, 7 Oct 1997 16:12:06 -0500 (CDT)  
From: Bob Roehrig <bproehrig@admin.aurora.edu>  
To: Boatanchors <boatanchors@sco.theporch.com>  
Subject: Great Ad  
Message-ID: <Pine.ULT.3.96.971007161006.7343A-100000@admin.aurora.edu>

I have a unique ad for Hallicrafters. I won't tell you what it says but any Halli fan has to have one of these. I will send a photocopy to those that send me a SASE. It's 8 1/2 by 11.

Bob Roehrig  
314 S. Harrison St.  
Batavia, IL 60510

E-mail bproehrig@admin.aurora.edu                      73 de Bob, K9EUI  
CIS: Data / Telecom    Aurora University, Aurora, IL  
630-844-4898    Fax 630-844-5530

-----  
Date: Tue, 7 Oct 1997 21:27:44 -0700

From: Bill Coleman N2BC <n2bc@ibm.net>  
To: boatanchors@theporch.com  
Subject: Meissner Sig Sifter EX  
Message-ID: <BSMTP8762846950wf2awdc@pop3.ibm.net>

Anybody have the manual, especially the diagram for a Miessner Signal Shifter Model EX? The EX is the 'modern' one with the bandswitch turret... Gladly pay ur costs.

FYI: the manual @ W7FG is for the plug-in coil models, anybody need that manual??

THX & 73, Bill

-----  
Bill Coleman (N2BC)

-----  
Email: n2bc@ibm.net  
-----

Date: Tue, 7 Oct 1997 17:34:00 -0400  
From: Ed Sieb <esieb@gmsiworld.com>  
To: Old Tube Radios <boatanchors@theporch.com>,  
    ''Brian Harris''  
Subject: RE: Canadian duty  
Message-ID: <01BCD347.39652540@dstephen.gmsiworld.com>

Hello Brian and all anchorians...

Concerning duty on amateur radio, short wave radio and radio equipment =  
in general shipped to Canada:  
There is \_NO\_ duty:

The following Customs Tariff Item numbers are specific to Amateur Radio =  
Equipment and Amateur Radio Parts & Accessories. The following Tariff =  
Numbers allow the corresponding items to be let into Canada \_DUTY FREE\_:

Amateur Radio Equipment:	Tariff Class:	8527.39.10.00
Amateur Radio Parts & Accessories:	Tariff Class:	8529.90.11.30

Only the consignee, that is the recipient is required to pay duty. The =  
shipper is not required to pay Canadian duty.

Hope this info is useful. Remember... any piece of radio apparatus can =  
be used for amateur radio purposes and thus is fully eligible to qualify =  
under these tariff numbers.=20

However, depending on declared value (keep it low), the recipient =  
(consignee) may have to pay a federal tax of 7% of declared value. On =

\$300 US (\$415. Can\$),  
that comes to \$29. tax.

73, de Ed VA3ES/VE2BAQ (that's Boat Anchor Quality)

~~~~~  
Ed Sieb, VA3ES esieb@gmsiworld.com  
P. O. Box 8377, Ottawa Terminal, Ottawa, Ontario, K1G 3H8  
613-738-8924 (H) 613-599-5161 (W)=09  
AMI 529 Canadian Division Director, QCWA - AWA Member  
Net Manager - Canadian Boat Anchor Net (3745 Kcs)  
~~~~~

-----  
Date: Tue, 7 Oct 1997 17:41:55 -0400 (EDT)  
From: jD <k1zat@dsport.com>  
To: "Rudolf H. Salomon" <rhs@pacbell.net>  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: R-390A rack mount  
Message-ID: <Pine.GS0.3.95.971007174019.14123A-100000@puff>

Rudy

On Tue, 7 Oct 1997, Rudolf H. Salomon wrote:

> I have a desk top rack with about 36" of vertical space and  
> Has anyone mounted the R-390A using only the  
> front panel to hold the radio.

That's all that hold mine, and its been in the rack for close  
to seven years now.

jd

-----  
Date: Tue, 7 Oct 1997 17:44:19 -0400  
From: Ed Sieb <esieb@gmsiworld.com>  
To: Old Tube Radios <boatanchors@theporch.com>,  
"Mike B. Feher"  
Subject: RE: Canadian duty  
Message-ID: <01BCD348.A4B0FDA0@dstephen.gmsiworld.com>

More on shipping to Canada...

\_DO NOT UNDER ANY CIRCUMSTANCE, INCLUDING THREAT OF IMINENT DEATH, DO =  
NOT SHIP BY UPS !!!\_

UPS will always charge a "Canadian Handling Fee" (about \$20.) plus a =  
brokerage charge (about \$25.) plus taxes (about \$15.) for all shipments =  
to Canada. Bottom Line: You'll pay an extra \$60 - \$65 shipping by UPS. =  
This is standard for them. \$19 for duty, Mike? Why? \_THERE IS NO DUTY =  
ON HAM STUFF IN CANADA!!!\_ . Why and how they can get away with =  
brokering non-dutiable items I'll never understand! Bottom line: they're =  
thieves. No one else does this - not FedEx, not Purolator, no one. My =  
personal suggestion is either FedEx or US Air Parcel Post. Cheap, =  
reliable, yeah, a little slow, but I've never had any problems with =  
either of the gov't run enterprises.

Anyway, please excuse my flames on this subject. I just wanted all BA =  
enthusiasts (and all radio fiends) to know about shipping and duty in =  
Canada.

(Grrrr.... boy that UPS gets me riled up!!!)

Ed, VA3ES

=20

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-----

Date: Tue, 7 Oct 1997 18:05:49 -0400  
From: BEN NOCK <G4BXD@compuserve.com>  
To: Multiple recipients of l <boatanchors@sco.theporch.com>  
Subject: Sale/Swap items.  
Message-ID: <199710071806\_MC2-231F-18AD@compuserve.com>

Some Items presently in stock for sale/swap

Various 19 sets, from 80 to 150 UKP  
BE-201 vhf set with psu... 80.00 UKP  
GRC-9 complete station.... 180.00 UKP  
WS No 58 for restoration.... 60.00 UKP  
LM-14 freq meter..... 25.00 UKP  
Class D wavemeter... 15.00 UKP  
WS No 52 atu unit..... 50.00 UKP  
WS No 88, pair, with handset... 60.00 UKP  
BIRD TS-2609A/U wattmeter... 30.00 UKP  
A41 transceiver, fm, 39-55MHz, heads, no batts... 20.00 UKP

A510 tx & rx, no acc's..... 70.00 UKP  
FT-1 test set for Larkspur gear, complete... 100.00 UKP  
PYE MF5U mobiles, AM, 70 MHz, pair talking to =

each other..... 25.00 UKP

ALL POSTAGE EXTRA.

BEN                    G4BXD@compuserve.com   =

-----  
Date: Tue, 07 Oct 1997 18:07:36 -0700  
From: "Ray Allen, W2KBR/3" <raallen@erols.com>  
To: boatanchors@theporch.com  
Subject: Mills!  
Message-ID: <343ADCD8.42CD@erols.com>

Mills or typewriters??? We used both R390s and R390As by various makers, and that goes for the Mills. Mills, all caps, numbers, and some punctuations for those using > 26 characters, tractor fed, multi copy paper, by various manufacturers, took a beating with some code speeds in excess of 25....I started in 1961 and used a few of them, and even saw a few go "airboure" after Op got all tangled up and decided to give the Mill it's first (and Last) solo....He also bought it!! Long ago, and far away, in another time and another place.....73

--  
Ray Allen, W2KBR/3  
8303 Grainfield Road  
Severn, MD., 21144-2331  
FM-19, TenX 68656, CBC 379

-----  
Date: Tue, 07 Oct 1997 15:14:53 -0700  
From: "Rudolf H. Salomon" <rhs@pacbell.net>  
To: boatanchors@theporch.com  
Cc: greg.roecker@lmco.com, lambmd-ce@salem.ge.com, provero@connix.com, KA9EGW@aol.com, k1zat@dsport.com, pepperb@gov.on.ca  
Subject: Re: R-390A rack mount  
Message-ID: <343AB45D.7E4C@pacbell.net>

Rudolf H. Salomon wrote:

>  
> Hi All.



>  
> I am in the process of rearranging the way my radios are set up at my  
> operating position.  
>  
> I have a desk top rack with about 36" of vertical space and among others  
> I would like to mount my R-390A in the rack. This rack has mounting  
> holes in the front but not in the back.  
>  
> Has anyone mounted the R-390A using only the front panel to hold the  
> radio. It seems a bit heavy, to me, to not use more front to back  
> support, ie. an equipment slide rail, although none of the holes on the  
> side of the radio line up with standard rail mounting???  
>  
> Any one have experience with this?  
>

I would like to thank all those who responded to my question about  
R-390A rack mounting.

In my daily work I deal with much rack mount equipment. Everything that  
we have in racks utilises racks that have mounting rails front and back  
and everything either has "L" brackets or slides to support all of the  
equipments weight.

It seems much of the old gear was designed to be mounted by the front  
panel only. Of the responses I got, 2 people used supports other than  
the front pannel (L brackets and/or shelving) and 4 people responded  
that they had their R-390s residing in racks supported by the front  
panel holes only. One person said that hey had heard from Military techs  
that used the radio that mounting by front panel screws was the way they  
were used in the military, and, that the top and bottom covers were  
discarded(much sought after now \$\$\$\$\$) because of heat concerns.

At first, when I considered mounting my 390 by the front panel only, I  
had visions of a curled front panel, with the chasis at a 45 degree  
angle, but, it seems that is indeed the way it was intended to be  
mounted.

Again, thank you to all who responded, and I will use my big son to hold  
the radio while I bolt the front panel in to place in the rack without  
benefit of additional support.

73 de Rudy Salomon KD6NRQ

-----

Date: 07 Oct 1997 17:19:12 -0500  
From: "A. B. Bonds" <ab@vuse.vanderbilt.edu>

To: boatanchors@sco.theporch.com  
Subject: RE: Canadian duty  
Message-ID: <1997Oct07.171913-0500@spike.vuse.vanderbilt.edu>

In <01BCD347.39652540@dstephen.gmsiworld.com>, Ed Sieb wrote:  
>Hello Brian and all anchorians...  
>Concerning duty on amateur radio, short wave radio and radio  
>equipment in general shipped to Canada:  
>There is \_NO\_ duty:  
>  
>However, depending on declared value (keep it low), the recipient  
>(consignee) may have to pay a federal tax of 7% of declared value.  
>On \$300 US (\$415. Can\$), >that comes to \$29. tax.

Be aware that there appears to be no duty going the other way (Canada to US) as well, at least for equipment that is being repatriated ;), BUT there are wolves at the border.

I received a shipment from Canada a few months ago (via UPS) and got hit with an unexpected "Customs Brokerage Fee" for something like \$30. This was charged by a private firm to determine that there was no duty on the equipment, or something like that (they would never reply to my inquiries). I don't know how to get around this scam (presumably an effort by the government to provide full employment). This has considerably dampened my enthusiasm for doing cross-the-border bizness (what ever happened to NAFTA?)

73 A. B. Bonds

-----  
Date: Tue, 07 Oct 1997 17:16:45 -0500  
From: Lenox Carruth <carruth@swbell.net>  
To: "Boat Anchors List (to submit a listing)" <boatanchors@sco.theporch.com>  
Subject: WTB: 6993 and GV3A-900  
Message-ID: <343AB4CD.15C8@swbell.net>

I am looking for a 6993 Geiger tube and a GV3A-900 voltage regulator tube. Please e-mail me direct if you have any or have any ideas where I might find them.

Thanks.

--

Lenox

-----  
Lenox Carruth, Jr.                      carruth@swbell.net  
Dallas, Texas  
Collector of WW-II Communications Equipment and Memorabilia

Wanted: TCS-14 Transmitter, TBX, BD-71, Sextant  
-----

-----  
Date: Tue, 07 Oct 1997 16:32:56 -0600 (MDT)  
From: Richard Loken <richardlo@devax.admin.athabascau.ca>  
To: Ed Sieb <esieb@gmsiworld.com>  
Cc: Old Tube Radios <boatanchors@theporch.com>,  
      ~richardlo@devax.admin.athabascau.ca  
Subject: RE: Canadian duty  
Message-ID:  
      <Pine.PMDF.3.95.971007162728.541090930B-100000@devax.admin.athabascau.ca>

On Tue, 7 Oct 1997, Ed Sieb wrote:

> More on shipping to Canada...

> \_DO NOT UNDER ANY CIRCUMSTANCE, INCLUDING THREAT OF IMINENT DEATH,  
DO NOT SHIP BY UPS !!!\_

Exactly so. Do not ship UPS, it is F###ing expensive and no faster than  
USPS parcel post when it crosses the border. Use Parcel Post and fill out  
a white customs sticker like this:

radio receiver (or atom bomb, 3kg cocaine, or whatever is in box)  
for amateur radio use  
manufactured in USA (if it is...)

and in the appropriate boxes

actual price paid by recipient in US\$  
actual shipping cost in US\$

and a few weeks later the recipient will be stuck for 7% GST and five bucks  
for nuthin' and that is it. I do this all the time and it is very simple,  
(just ask Don Merz) don't make it complicated.

---

Richard Loken VE6BSV, Systems Programmer - VMS  
Athabasca University  
Athabasca, Alberta Canada  
\*\* richardlo@admin.athabascau.ca \*\*

-----  
Date: Tue, 7 Oct 1997 18:43:48 -0400  
From: Ed Sieb <esieb@gmsiworld.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: RE: Canadian duty  
Message-ID: <01BCD350.F3FCB2C0@dstephen.gmsiworld.com>

On Tuesday, October 07, 1997 6:19 PM, A. B. Bonds wrote:

>I received a shipment from Canada a few months ago (via UPS) and got  
>hit with an unexpected "Customs Brokerage Fee" for something like \$30.  
>This was charged by a private firm to determine that there was no duty  
>on the equipment, or something like that (they would never reply to

Ah yes... I waxed eloquent on this exact matter in another posting (it was more  
of an anti-UPS flame, actually).

Hmmmphh! The unmitigated chutzpah! Imagine! Charging a brokerage fee for non-  
dutiabable items!

What we need is an underground railroad for BA's!!!!

Ed, VA3ES

-----  
Date: Tue, 07 Oct 1997 16:00:57 -0700  
From: "Rudolf H. Salomon" <rhs@pacbell.net>  
To: boatanchors@theporch.com  
Subject: Re: Canadian duty  
Message-ID: <343ABF29.1AA4@pacbell.net>

Ed Sieb wrote:

>  
> On Tuesday, October 07, 1997 6:19 PM, A. B. Bonds wrote:  
>  
> >I received a shipment from Canada a few months ago (via UPS) and got  
> >hit with an unexpected "Customs Brokerage Fee" for something like \$30.  
> >This was charged by a private firm to determine that there was no duty  
> >on the equipment, or something like that (they would never reply to

> Ah yes... I waxed eloquent on this exact matter in another posting (it was more of an anti-UPS flame, actually).

73 Rudy

I am looking for PERFECT or NEAR PERFECT copies of manuals for the SX-111 and HRO-50. Original copies would be preferred but will accept the rite to copy and return to the owner. I'll pay what is necessary or trade for hardware or paper we have on hand.

[illegible]

Rudy -

On Tue, 7 Oct 1997, Rudolf H. Salomon wrote:

```
> heard from Military techs that used the radio that mounting by
> front panel screws was the way they were used in the military,
> and, that the top and bottom covers were discarded(much sought
```

> after now \$\$\$\$\$) because of heat concerns.

That's a fact.. All the military sites I've seen where the 390's were in use, were all this way. The 390's were powered up 24x7 (24 hrs a day, 7 days week) for the mission. That's a lot of heat generation.

jd

-----  
Date: Tue, 7 Oct 1997 19:22:39 -0400  
From: "Thomas A. Adams" <103360.2133@compuserve.com>  
To: "INTERNET:boatanchors@theporch.com" <boatanchors@theporch.com>  
Subject: Re. military dummy loads  
Message-ID: <199710071924\_MC2-2321-C1C8@compuserve.com>

Hello Nick.

The main frequency range determining thing I've seen in military loads applies only to the MIL versions of the Bird Termaline that include built-in wattmeters, such as RF WATTMETER TS-118A / AP. The wattmeter section uses a thermocouple type wattmeter, and the circuit includes a small VHF RF choke that is attached to the coax center conductor.

The lower frequency limit ON THE WATTMETER SECTION is 25 MHz on this one. Obviously, the meter won't read accurately outside of it's design limits, but there's another problem. The manual on this one says you can use the load section outside of the designed frequency range of the test set IF you pull the end cover and disconnect the wattmeter. However, using that approach, I managed to smoke the choke on the center conductor with 250 watts on 1.8 MHz. I had a HELL of a time getting a replacement stuffed into the line section!

On the units that don't include a wattmeter, I don't see any reason that it can't be used at practically any frequency.

73's,

Tom, K9TA

-----  
Date: Tue, 7 Oct 1997 18:52:02 -0500

From: Ronnie Hull <w5sum@ms1.nwla.com>  
To: boatanchors@theporch.com  
Cc: baswaplist@foothill.net  
Subject: BC375-E Info  
Message-ID: <1.5.4.16.19971007185517.1aaf70d2@ms1.nwla.com>

Howdy Gents

got my BC375-E today. This was a near mint radio that unfortunatley, due to bad packing, is not anymore. That is another matter.

What I wanted to share with ya'll is the fact that included was an original manual and some other documents. These other documets are:

- #1 A letter to Mr. Don Kalis (the fellow I got it from) dated March 25, 1947, from RADIO SHACK CORPORATION in Boston stating how sorry they were that he was not send the proper Dynamotor, and that they were out of them.
- #2 A printed document from Radio Shack called "How to convert Transmitter BC-375-E for use with an AC Power Source" this has schematics, part numbers for transformer and caps and all the mods needed to make it work with the 375.

I don't support converting, and will try to find a dynamotor. BUT if any of you are interested in a copy of this, send me a SASE and a buck for the copying costs, and I'll send it to you.

I also go, in this deal a MINT and I mean MINT BC306-A Antenna tuning unit still packed in its original box.

The BC375 itself WAS flawless, not a single scratch, and the paint was immaculate. It came with the TU-5-B tuning unit, in likewise beautiful condition (this will be up for trade for the TU-6-B or a TU-8-B). It did, thank god, arrive with all the tubes intact and the inside of it only had a barely perceptable amount of dust. Must have been stored for years inside.

not it needs a top cover and the side plate that the antenna connects to.!!!  
If it had only been packed the way the packer agreed to pack it...  
geez...

Ronnie

-----

Date: Tue, 7 Oct 1997 20:02:27 -0400 (EDT)  
From: Jderm740@aol.com  
To: boatanchors@theporch.com  
Cc: paulc@mediaone.net  
Subject: Re: BOATANCHORS digest 1717  
Message-ID: <971007200031\_-661691323@emout07.mail.aol.com>

Copyrights

Paul

Using a picture to convey information of a personal nature ie. This what I want to buy looks like should be no problem. It's the same as selling your car. You have a 1965 Belchfire 8 and for those who might be interested but don't know what a Belchfire 8 is this what it looks like. You are not marketing repros or knock-offs.

Jack Jderm740@aol.com

-----  
Date: Tue, 07 Oct 1997 18:31:03 -0400  
From: Walt Novinger <wnovinger@shaw.wave.ca>  
To: boatanchors@theporch.com  
Subject: Re: Canadian duty  
Message-ID: <3.0.32.19971007182428.006b6980@mail.cal.shaw.wave.ca>

Actually, the \$19 you paid was UPS Canada's extortionate customs brokerage fee...the US doesn't charge duty on electronics goods crossing the border, particularly if the shipment shows the country of origin of the goods as US (as it probably should have for the Halli).

We ship many things back and forth between the US and Canada via UPS, and are amazed at the difference between the quality of service between UPS (US) and Canada. The Canadian branch is largely incompetent and arrogant, not to mention their ridiculous "brokerage fees" added to every package.

Walt

At 17:14 10/7/97 -0700, n4fs@monmouth.com wrote:

>I just purchased a Hallicrafters FPM200 and PS from a fellow in BC. The  
>price was \$300, it cost me another \$101 to ship it UPS ground and when it  
>got here UPS wanted another \$19 for duty. So I guess it is 6.33%. 73s - Mike  
>  
>  
>Mike B. Feher, N4FS  
>89 Arnold Blvd.  
>Howell, NJ, 07731  
>732-901-9193





Boy do I feel stupid....

The other radio station playing music behind the BCB powerhouse  
on 740.... Well it is the other local BCB mega-watt station at 950 KHz...  
Gee  $740 + 950 = 1690$ .... Now I know I have to build \*two\* tunable  
traps.... :-(

-Larry Ware  
lrware@pipeline.com  
Orlando, Florida

-----  
Date: Tue, 07 Oct 1997 21:07:09 +0000  
From: "Lawrence R. Ware" <lrware@pipeline.com>  
To: boatanchors@sco.theporch.com  
Subject: RE: interesting image issue - R390A (2)  
Message-ID: <3.0.32.19971007210701.006cd680@pop.pipeline.com>

At 20:49 10/07/1997 +0000, I wrote:

>Boy do I feel stupid....  
>The other radio station playing music behind the BCB powerhouse  
>on 740.... Well it is the other local BCB mega-watt station at 950 KHz...  
>Gee  $740 + 950 = 1690$ .... Now I know I have to build \*two\* tunable  
>traps.... :-(

It only gets worse....

Thinking about why this strange mixing problem suddenly appeared,  
and why I suddenly had it on my sorry-state frog 7700 also...

A very "dim" refrigerator light came on....

(Hey that is about as bright as it gets around here! :-)

Gee, I recently built a distribution amp system for these radios.  
Used a MAR-6 (I know, I'm a heretic, now I get pay for my sins,) to overcome the loss in a four way resistive divider...

Ended up with a gain of about 1.5 at each output port.

Cool thinks I, this should work great...

Removing the offending sand-state device cured the problem on all four radios... :-(

Alas, my mea-culpa awaits; I'm sorry gents. I promise I won't use any of those nasty little devices without vacuum again!

They just don't seem to agree with either my R390A or my Nationals....

Now where did I put that hammer....

-Larry Ware

lrware@pipeline.com  
Orlando, Florida

-----  
Date: Tue, 7 Oct 1997 21:01:04 -0500  
From: "John Lockhart" <jlockj@minn.net>  
To: "Old Tube Radios" <boatanchors@theporch.com>  
Subject: military dummy loads  
Message-ID: <199710080209.VAA14608@mail.minn.net>

I have a "Dummy Load TS-366C/TPS-10" that I picked up a while back. Has two large 100 ohm resistors enclosed in a well-ventilated cabinet. Says it's good for 320 watts average and 7500 volts peak. Was disappointed to find the SWR was poor above 40 meters....flat 1.0 on 80/75 and approximately 1.5 to 1 on 40.

Anyone know what frequency range this was designed for?

73,

John W0DC

-----  
Date: Tue, 07 Oct 1997 21:39:38 EDT  
From: kb5ww@juno.com (George Folse)  
To: wnovinger@shaw.wave.ca  
Cc: boatanchors@theporch.com  
Subject: Re: Canadian duty  
Message-ID: <19971007.193020.5063.2.kb5ww@juno.com>

All,

I have a friend in Dartmouth Nova Scotia, we ship packages to each other all the time including Amateur Equip. What we do is on the UPS forms we write that it is a gift . The Canadian government does not charge duty on gifts. When shipping products from Canada to the US, if the product is made in the US there is no duty.

73s to all,

George Folse      KB5WWO      kb5ww@juno.com  
630 Dolhonde St.  
Gretna,La.70053  
504-362-1896      ph/fax  
Collector of Heathkit,EF Johnson,and Atwater Kent

AMI#937

-----  
Date: Tue, 07 Oct 1997 22:14:11 -0700  
From: Jerry Proc <jproc@idirect.com>  
To: richardlo@devax.admin.athabasca.ca  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Canadian duty  
Message-ID: <343B163A.4BDC@idirect.com>

Richard Loken wrote:

>  
> On Tue, 7 Oct 1997, Ed Sieb wrote:  
>  
> > More on shipping to Canada...  
>  
> > \_DO NOT UNDER ANY CIRCUMSTANCE, INCLUDING THREAT OF IMINENT DEATH,  
> DO NOT SHIP BY UPS !!!\_  
>

I thought that I would add a little to this. The process is as follows:

The US value of the goods and the shipping are added together and this forms the base number for currency conversion to Canadian dollars. Goods and Services tax of 7% and any applicable provincial taxes are calculated on the Canadian rather than the US value of goods. Goods under \$20 are not taxed.

The Canadian post office will charge \$5 to collect GST of 7% plus provincial tax (varies between 0 and 12%) . When using couriers, brokerage will also apply and whatever way the courier will try to rip off the Canadian customer as noted by other BA members.

That \$US300 radio may end up costing the Canadian purchaser around \$560 to \$600 by the time everyone gets their 'cut'. As Ed Sieb stated, amateur radio goods entering Canada are duty free. Thanks for posting the tariff item numbers Ed as I didn't have these handy.

This is one of the main reasons of why Canadians have to evaluate their US BA purchases so closely.

-----  
Jerry Proc  
E-mail: hrc@sympatico.ca  
-----  
  
-----

Date: Tue, 7 Oct 1997 22:28:29 -0400  
From: Jim Garland W8ZR <4CX250B@miavx1.acs.muohio.edu>  
To: boatanchors@theporch.com  
Subject: Spruce up your R-46B speaker in three minutes  
Message-ID: <v03102811b0609f00ce73@[134.53.65.12]>

Here's a "hints and kinks" suggestion: The flocked grill on my "new" Hallicrafters R-46B speaker looked rather dingy, with the flocking worn thin and soiled. Out of curiosity, I removed the grill (two nuts on the inside of the cabinet) and learned that the grill was flocked on both sides. By reversing the grill, I now have like-new flocking. Unfortunately, one can't do this trick with Collins speakers for the 75A-series (e.g., the 270G-1/2/3) , since the flocking is only on one side of the grill.

73,

Jim W8ZR

-----  
Date: Tue, 07 Oct 1997 16:41:08 -0400  
From: Surplus Al <surplsal@tl.infi.net>  
To: boatanchors@theporch.com  
Subject: Info  
Message-ID: <343A9E64.2DAE@tl.infi.net>

To all my Boatanchor Friends. Due to very serious Personal Problems I will not be reading any Email til further Notice. Please excuse the Bandwidth. 73's Al Yascavage W3UGD

-----  
End of BOATANCHORS Digest 1719  
\*\*\*\*\*